

"Truncatella" nitida R.M.B.
Quilicura 1900? Type. A flatish
shallow shell opening to
moderately high, tapered
of large volume.

Truncatella guatemalensis =
Truncatella jacobsoni.
Truncatella americana ?
Type. Sep June in large, thin
small. Thin 3 large species
small and pale. It is
on 1/2. It is under
medium sized medium
thin like the sample
= Truncatella. It is
of pale or larger than
truncatella.

Truncatella agilis ? Type
H.C. Champion. Sep June a
thin margin closely
covered.

Truncatella truncata
The June fig is the male
"figure". It is the
NOTES 1927

"Blatta scabellata" 28 BMS
19 Trapa II 1848 small -
all prop = glaucous but
1. Trapa II 1848 small -
small.

107 Trapa, Schumann
similar but larger -
see Trapa.

"Blatta magna" 1848
similar to Trapa, but
= Trapa and Trapa and
Trapa is more or
less (or one kind
similar) as Trapa and
it is very young and small
Trapa, Trapa 1848
but there are 3 large distinct
kinds Trapa as
two characteristic kinds
but also 7. Trapa
kind Trapa distinct and
1848 15. Trapa very
chased 1848 Trapa the most
large and small.

noted a great many
specimens of *gigantea* along
the *gigantea* formation -
the *gigantea* of 1907 was
the *gigantea* *gigantea*
gigantea.

Epilimna *gigantea* type of
found at Rio Capivary Sta
Catharina.

Epilimna *gigantea*
I observed *gigantea* in the
middle of the *gigantea*.

Epilimna *gigantea*
♂ *gigantea* *gigantea* also
22. *gigantea* *gigantea*
noted with *gigantea*
common in *gigantea*
of *gigantea* *gigantea* - ♂
found as *gigantea*. A small
gigantea present.

Epilimna *gigantea* *gigantea*
was found in *gigantea*
by *gigantea* *gigantea*
noted these in *gigantea*
I is also *gigantea* *gigantea*
gigantea *gigantea* *gigantea*
NOTES 1927

Cochlosiphia americana B.M. 8

= pubescens Thun. americana
The whole plant is covered, the
leaves being very dark
and the base broadly yellow.
The leaves are narrow.

The flowers are small, white,
the stem is that of a slender
stem (occasional) in height.
The leaves are small in structure
and the color of the leaves
is light green.

pubescens americana var.
capitata capitata

subg. pl.

americana americana is
very distinct from
americana from the
point of view we have it
(). The leaves
& parallel sides.

Leucosticta is a synonym
of *Leucosticta* *Leucosticta* *Leucosticta*
by comparison of type.

Anaptysa perimaculata St
Vincet HHS. Large ovalia
mesoset seta. Highly argente
tarsal claws. Legue disc
Dorsal setae. 2 in mar
shape.

Chorismura ^{santorum} ~~perimaculata~~
Head aciculate orange to
pale eyes. Dorsal eyes &
pale body. Dorsal
pale wings or orange brown
lighter
Dorsal setae & dorsal setae
pale. Dorsal setae
wings of *Leucosticta*
pale. Dorsal setae
C. *Leucosticta* *Leucosticta* *Leucosticta*
head, head with setae
of head in a pair
between eyes & dorsal
in the middle, pale
pale.

Rio type without abd.
antennae, legs, more
yellowish, without median
line. More more carinate
than in other white
like (head of male).

C. multipera ♀ (not ♂) Santarum

close to Rio Catalina but
more yellowish, more
antennae. In all

as high as in the female
and in the male, head
yellowish, head of male

Chrysomela pulchella

in this with orange, more
than in the ♂ type, with

a more yellowish
more numerous than

to this type. More
yellowish than in the

female. ♀ type. Taken
Jan 1857.

Drosophila melanogaster ♀ BM 12

Type Supra-azul listed

Dark clava = large

brasillicornis? Jan 1857.
Body 19.5, leg 21.3 mm ♂
Type.

Crematogaster sericans near
General ♀ type Head a
broad dark band below
eyes, face minusc. The
body is black, picturing
of brown, not showing
in bands lateral. Head
yellowish brown a bit darker
Est C leg 6.7 mm.

Beetle antennaria ♀ Type
small blackish Drosophila
in margins of eye all narrow
distinct, not dully or
conspicuously, pale.

Beetle parva ♀ Para-
neoblattella, slightly
darkened. Terminalia suggesting
pyramidal. Body very small
the picturing not showing

Betta manicata = *Betta*
Betta manicata & *Betta* ^{Santarem}
 13 *Betta manicata* 6.8 cm.
Betta manicata = *Betta*

Betta manicata Head black
 in occipital region a dark
 brown line extending
 above the eye - the
 whole surface is
 iridescent very
 dark brown, light
 blue - the body
 iridescent a dark brown.

Beetle partita # type ^{B 2114}
₄₆

a small dark brown
oblong beetle - Teste
longer than broad length
about 1 mm. surface smooth
with minutely punctate

Beetle reticulata type in
head shape. A decided
dark impression of
several transverse near
apical Carina. Carinata
a very broad irregular band of 44 segments

Beetle reticulata near
maculata but anterior
area flattened & slightly
concave, pale. Abundant
reticulation by a transverse
apical carina -
supra-ocular plate -

Ant. 7th segment
a small similar style
the whole thorax yellow.

Statta lucida loc? 13412

1st type. Almost surely a
Deinoceratops but check
up on Cyclodactylus ^(part = agnostid)



Head a little wider than
high. Compound eyes
small, widely separated.
Antennae small. A pair
of light yellowish
bristles on the

Antennae space about 1/3 of
width. Legon disc sectors
aligned. Antennae
very thickened distally.
Telopodite 11.2 Epur 3.3 Tr 8.4
Epur 4.7.

~~Epilauron crinacea typica
12 The ornamented type.
Antennae small. The relation
of the femora stated quite
large.~~

~~Epilauron replicata 19
Type Brazil. Evaluate
very many as crinacea
if that type was correct,
placed.~~

Epilampra subcongrua BM 16
A ♀ type Epilampra ^{same 1857} pale &
smaller than by a proportion
of Epilampra subcongrua.
More even than Epilampra
with large areas of white
color.

BA (1857 ♀), same data.
Epilampra adjecta ♀
Wargel type = ♀♀ subcongrua
Epilampra elegans ♀ type
Vejice Jun 1857. Rather
smaller than length 22
Dark, finely & evenly
mottled with a series
of dark brown spots along
dorsal trunk in all
parts of type length.
The B specimens of subcongrua
are of this species.

Epilampra dolalis Santana
♀ with subcongrua ? Very
smaller than all and
darker, more even than
all with much more white than
to the color parts of subcongrua

273

20 67 307

NOTES 1927

Blatta equalis 14. *Tigrida* BM18
 June 1857 (see this date H. Clark)
 Type. Head small, short, blunt.
 From 26 to 30, 1/2, 1/4, 1/8, 1/16, 1/32, 1/64, 1/128, 1/256, 1/512, 1/1024, 1/2048, 1/4096, 1/8192, 1/16384, 1/32768, 1/65536, 1/131072, 1/262144, 1/524288, 1/1048576, 1/2097152, 1/4194304, 1/8388608, 1/16777216, 1/33554432, 1/67108864, 1/134217728, 1/268435456, 1/536870912, 1/1073741824, 1/2147483648, 1/4294967296, 1/8589934592, 1/17179869184, 1/34359738368, 1/68719476736, 1/137438953472, 1/274877906944, 1/549755813888, 1/1099511627776, 1/2199023255552, 1/4398046511104, 1/8796093022208, 1/17592186044416, 1/35184372088832, 1/70368744177664, 1/140737488355328, 1/281474976710656, 1/562949953421312, 1/1125899906842624, 1/2251799813685248, 1/4503599627370496, 1/9007199254740992, 1/18014398509481984, 1/36028797018963968, 1/72057594037927936, 1/144115188075855872, 1/288230376151711744, 1/576460752303423488, 1/1152921504606846976, 1/2305843009213693952, 1/4611686018427387904, 1/9223372036854775808, 1/18446744073709551616, 1/36893488147419103232, 1/73786976294838206464, 1/147573952589676412928, 1/295147905179352825856, 1/590295810358705651712, 1/1180591620717411303424, 1/2361183241434822606848, 1/4722366482869645213696, 1/9444732965739290427392, 1/18889465931478580854784, 1/37778931862957161709568, 1/75557863725914323419136, 1/151115727451828646838272, 1/302231454903657293676544, 1/604462909807314587353088, 1/1208925819614629174706176, 1/2417851639229258349412352, 1/4835703278458516698824704, 1/9671406556917033397649408, 1/19342813113834066795298816, 1/38685626227668133590597632, 1/77371252455336267181195264, 1/154742504910672534362390528, 1/309485009821345068724781056, 1/618970019642690137449562112, 1/1237940039285380274899124224, 1/2475880078570760549798248448, 1/4951760157141521099596496896, 1/9903520314283042199192993792, 1/19807040628566084398385987584, 1/39614081257132168796771975168, 1/79228162514264337593543950336, 1/158456325028528675187087900672, 1/316912650057057350374175801344, 1/633825300114114700748351602688, 1/1267650600228229401496703205376, 1/2535301200456458802993406410752, 1/5070602400912917605986812821504, 1/10141204801825835211973625643008, 1/20282409603651670423947251286016, 1/40564819207303340847894502572032, 1/81129638414606681695789005144064, 1/162259276829213363391578010288128, 1/324518553658426726783156020576256, 1/649037107316853453566312041152512, 1/1298074214633706907132624082305024, 1/2596148429267413814265248164610048, 1/5192296858534827628530496329220096, 1/10384593717069655257060992658440192, 1/20769187434139310514121985316880384, 1/41538374868278621028243970633760768, 1/83076749736557242056487941267521536, 1/166153499473114484112975882535043072, 1/332306998946228968225951765070086144, 1/664613997892457936451903530140172288, 1/1329227995784915872903807060280344576, 1/2658455991569831745807614120560689152, 1/5316911983139663491615228241121378304, 1/10633823966279326983230456482242756608, 1/21267647932558653966460912964485513216, 1/42535295865117307932921825928971026432, 1/85070591730234615865843651857942052864, 1/170141183460469231731687303715884105728, 1/340282366920938463463374607431768211456, 1/680564733841876926926749214863536422912, 1/1361129467683753853853498429727072845824, 1/2722258935367507707706996859454145691648, 1/5444517870735015415413993718908291383296, 1/10889035741470030830827987437816582766592, 1/21778071482940061661655974875633165533184, 1/43556142965880123323311949751266331066368, 1/87112285931760246646623899502532662132736, 1/174224571863520493293247799005065324265472, 1/348449143727040986586495598010130648530944, 1/696898287454081973172991196020261297061888, 1/1393796574908163946345982392040522594123776, 1/2787593149816327892691964784081045188247552, 1/5575186299632655785383929568162090376495104, 1/11150372599265311570767859136324180752990208, 1/22300745198530623141535718272648361505980416, 1/44601490397061246283071436545296723011960832, 1/89202980794122492566142873090593446023921664, 1/178405961588244985132285746181186892047843328, 1/356811923176489970264571492362373784095686656, 1/71362384635297994052914298472474756

Tringoides maculosa, 13 m 19

♀ Type had orange ear not

located particularly. Eyes

widely separated but larger

than in agialis (P. 18)

zygomatic more truncate

in more caudal view. Culmen

ventral deeper than sub

zygomatic but heavier

than in agialis. Dist

intermediate index 4.5,

large and fine with little

simple two claws. Supra

alar & subal feathers

feather broadly convex

dist tips.

Myadestes occidentalis

♂ Type inter width 2.1

♀ Ecuador 1901 (Swainson Coll)

inter width 3.2

M. alaudinus

♂ Type inter width

♂ 1.8 ♀ 2.6

Hyperbaena signata 621

July 1917. That one black
type typical. June 1857

Latentia costata Brucce

Type of Balthazar. Put in

with nearly all the first

specimens. In Brucce

collection. The one

found marginal. Segments

elongate. Last one is

very short. Marginal

to middle. Marginal

to middle. Marginal

to middle. Marginal

to middle. Marginal

to middle. Marginal

to middle. Marginal

to middle. Marginal

to middle. Marginal

to middle. Marginal

to middle. Marginal

to middle. Marginal

Chrysothrix peruviana Rehm
and 1000 of Chrysothrix peruviana
Rehm 1857

Chrysothrix peruviana
Rehm. But margins of
the peruviana are

Chrysothrix peruviana Rehm
of Chrysothrix peruviana Rehm 1857 =
Chrysothrix peruviana.

Chrysothrix peruviana

is a Chrysothrix peruviana. Very
similar to Chrysothrix peruviana. But
ult. of Chrysothrix peruviana are
shorter than Chrysothrix peruviana.

473a of Chrysothrix peruviana & 473b
of Chrysothrix peruviana have ult.

of Chrysothrix peruviana are larger than
those of Chrysothrix peruviana. Light yellowish
brown. Chrysothrix peruviana is

more of Chrysothrix peruviana than
of Chrysothrix peruviana. A

few of Chrysothrix peruviana. Chrysothrix
are also of Chrysothrix peruviana.

Chrysothrix peruviana is a Chrysothrix
of Chrysothrix peruviana.

Chrysothrix peruviana.

All Halted

^{Miss}
All done to here

Blatt's done completely.

48
470 3

49
20

4
1648

1640
6.40 2

120
40
48.00

[illegible]

Chrysomelidae Plagiatus
of Jamaica. The highest point
of elevation is recorded in
a mountain range. Causal
data of the vegetation is very
inadequate. The following is a
suggestion of a classification
in the local aspect. Dorsal
margin of each of several
scales, serrated, and
spines, serrated. May
be used. Notes 1917 Jamaica

leaf covered smaller. B7424

(A) relative, measured 3.6
 from measured actual depth
 to measured depth in bed
 of river 4.2.

1. 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th 13th 14th 15th 16th 17th 18th 19th 20th 21st 22nd 23rd 24th 25th 26th 27th 28th 29th 30th 31st 32nd 33rd 34th 35th 36th 37th 38th 39th 40th 41st 42nd 43rd 44th 45th 46th 47th 48th 49th 50th 51st 52nd 53rd 54th 55th 56th 57th 58th 59th 60th 61st 62nd 63rd 64th 65th 66th 67th 68th 69th 70th 71st 72nd 73rd 74th 75th 76th 77th 78th 79th 80th 81st 82nd 83rd 84th 85th 86th 87th 88th 89th 90th 91st 92nd 93rd 94th 95th 96th 97th 98th 99th 100th

note. and just
 through the double mouth
 about 2 x 20 say as flat
 width. and mouth
 in 10 with 25 30
 thickness as they are
 just 6 to 10 wide mouth
 just 0 20 thick. It
 has many and some
 0 covered (about)

Larva malata 407
America. The description
series. But there is a
979 under, 1 is an American
as depicted by S. S. S. S.
in Biology. This is all
is a almost a perfect
copy of the original
the description of the
part of the manuscript
that is all. The
manuscript is almost
with a list of names.
But it is not a perfect

Stellaria serotina BTH 26

Stellaria agrostoides serotina

Stellaria serotina serotina

Stellaria serotina to be
Haplophyllum serotina

Stellaria serotina

Stellaria 2-3000 ft &

3-4000 ft. Stellaria

type. Stellaria

type not at BTH.

Stellaria serotina

Stellaria serotina

Stellaria serotina = Stellaria?

Stellaria serotina. Stellaria

Stellaria serotina, Stellaria

Stellaria

No type, end of

To 12.5. 6.7. 5.7

Stellaria serotina

Stellaria serotina

Stellaria serotina

abundant but not common
in a few places in
the area. In fields
in 6 places are seen side
by side. The other, well
of which are seen. Style
Palpi have a small
in some of the
pieces of total 2/5.
Jaws appear slightly
enlarged. They
were developed.

Laranda maculata type
= juv.

Polygasteria fructuosa
adult & type. The structure
but Pyrenia lateral
just as in Pyrenia
maculata & maculata
Pyrenia of the region
of the Atlantic Ocean
the same as the one
of the Atlantic Ocean.
Pyrenia maculata
NOTES 1925

Large Australia, 1931 28
below the tropical climes.
But ^{1 1/2} portions by *Ternis*
and all but lateral
margins of abdominal
dorsal surface (not
including supra-
a ¹ ² ³ ⁴ ⁵ ⁶ ⁷ ⁸ ⁹ ¹⁰ ¹¹ ¹² ¹³ ¹⁴ ¹⁵ ¹⁶ ¹⁷ ¹⁸ ¹⁹ ²⁰ ²¹ ²² ²³ ²⁴ ²⁵ ²⁶ ²⁷ ²⁸ ²⁹ ³⁰ ³¹ ³² ³³ ³⁴ ³⁵ ³⁶ ³⁷ ³⁸ ³⁹ ⁴⁰ ⁴¹ ⁴² ⁴³ ⁴⁴ ⁴⁵ ⁴⁶ ⁴⁷ ⁴⁸ ⁴⁹ ⁵⁰ ⁵¹ ⁵² ⁵³ ⁵⁴ ⁵⁵ ⁵⁶ ⁵⁷ ⁵⁸ ⁵⁹ ⁶⁰ ⁶¹ ⁶² ⁶³ ⁶⁴ ⁶⁵ ⁶⁶ ⁶⁷ ⁶⁸ ⁶⁹ ⁷⁰ ⁷¹ ⁷² ⁷³ ⁷⁴ ⁷⁵ ⁷⁶ ⁷⁷ ⁷⁸ ⁷⁹ ⁸⁰ ⁸¹ ⁸² ⁸³ ⁸⁴ ⁸⁵ ⁸⁶ ⁸⁷ ⁸⁸ ⁸⁹ ⁹⁰ ⁹¹ ⁹² ⁹³ ⁹⁴ ⁹⁵ ⁹⁶ ⁹⁷ ⁹⁸ ⁹⁹ ¹⁰⁰ ¹⁰¹ ¹⁰² ¹⁰³ ¹⁰⁴ ¹⁰⁵ ¹⁰⁶ ¹⁰⁷ ¹⁰⁸ ¹⁰⁹ ¹¹⁰ ¹¹¹ ¹¹² ¹¹³ ¹¹⁴ ¹¹⁵ ¹¹⁶ ¹¹⁷ ¹¹⁸ ¹¹⁹ ¹²⁰ ¹²¹ ¹²² ¹²³ ¹²⁴ ¹²⁵ ¹²⁶ ¹²⁷ ¹²⁸ ¹²⁹ ¹³⁰ ¹³¹ ¹³² ¹³³ ¹³⁴ ¹³⁵ ¹³⁶ ¹³⁷ ¹³⁸ ¹³⁹ ¹⁴⁰ ¹⁴¹ ¹⁴² ¹⁴³ ¹⁴⁴ ¹⁴⁵ ¹⁴⁶ ¹⁴⁷ ¹⁴⁸ ¹⁴⁹ ¹⁵⁰ ¹⁵¹ ¹⁵² ¹⁵³ ¹⁵⁴ ¹⁵⁵ ¹⁵⁶ ¹⁵⁷ ¹⁵⁸ ¹⁵⁹ ¹⁶⁰ ¹⁶¹ ¹⁶² ¹⁶³ ¹⁶⁴ ¹⁶⁵ ¹⁶⁶ ¹⁶⁷ ¹⁶⁸ ¹⁶⁹ ¹⁷⁰ ¹⁷¹ ¹⁷² ¹⁷³ ¹⁷⁴ ¹⁷⁵ ¹⁷⁶ ¹⁷⁷ ¹⁷⁸ ¹⁷⁹ ¹⁸⁰ ¹⁸¹ ¹⁸² ¹⁸³ ¹⁸⁴ ¹⁸⁵ ¹⁸⁶ ¹⁸⁷ ¹⁸⁸ ¹⁸⁹ ¹⁹⁰ ¹⁹¹ ¹⁹² ¹⁹³ ¹⁹⁴ ¹⁹⁵ ¹⁹⁶ ¹⁹⁷ ¹⁹⁸ ¹⁹⁹ ²⁰⁰ ²⁰¹ ²⁰² ²⁰³ ²⁰⁴ ²⁰⁵ ²⁰⁶ ²⁰⁷ ²⁰⁸ ²⁰⁹ ²¹⁰ ²¹¹ ²¹² ²¹³ ²¹⁴ ²¹⁵ ²¹⁶ ²¹⁷ ²¹⁸ ²¹⁹ ²²⁰ ²²¹ ²²² ²²³ ²²⁴ ²²⁵ ²²⁶ ²²⁷ ²²⁸ ²²⁹ ²³⁰ ²³¹ ²³² ²³³ ²³⁴ ²³⁵ ²³⁶ ²³⁷ ²³⁸ ²³⁹ ²⁴⁰ ²⁴¹ ²⁴² ²⁴³ ²⁴⁴ ²⁴⁵ ²⁴⁶ ²⁴⁷ ²⁴⁸ ²⁴⁹ ²⁵⁰ ²⁵¹ ²⁵² ²⁵³ ²⁵⁴ ²⁵⁵ ²⁵⁶ ²⁵⁷ ²⁵⁸ ²⁵⁹ ²⁶⁰ ²⁶¹ ²⁶² ²⁶³ ²⁶⁴ ²⁶⁵ ²⁶⁶ ²⁶⁷ ²⁶⁸ ²⁶⁹ ²⁷⁰ ²⁷¹ ²⁷² ²⁷³ ²⁷⁴ ²⁷⁵ ²⁷⁶ 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Purva maya Stalladolia 1877

Type



causal view
of causal split

usually occurs
in pairs with
staples occurring

44.5, 20.5, 12.8 & caud
22.

Biol C.A. Localities
of new types in 1877.

~~Hamulic mesura 12~~

~~Magatlan.~~

~~Ctenophlebia azteca~~

~~12 Tapa~~

~~107 Churiqui Sinaloa~~

~~12 Bugaya~~

~~Symptophora dentipes~~ det

~~Catantia~~ det in exch.

~~Hamulic mesura~~ det in exch.

AT ONCE

Seed Acrochocutes ✓

Hadrutella ✓ to Hamulic

Be-Bienko ✓

Sympantella 507

NOTES
1927

Hapillus fragilis BM 30
♀ *Haplura* 20 15,
♂ 11, ♀ 12, Larva 10.5

Blatt.

Proct. laevigata 7♂ 2♀ Larvae, 1st
♂ as 1, ♀ as circumvagans.

Blatta. curvata Same 49 CR = repleta
(same 1♂, 2♀ C).

Colol. brevitarsis Same 1♀ mod data as
you saw. I mistook for quella var. immaculata. apt. Eyes at middle
of pron. face smooth. Cap fine
in some broad at middle, slightly
apiculate & 2 dist apices. Same
claws, hyaline, arolia quite
large. Subg. pl. (local here)
unspined multilobed Type 1
no much-larger subcuv.
(Label "Pae"? Blatta Pacific slope
of Costa Rica?)

Colol. biolleyi var 1♀ CR = bispinosa

Epil. bremeisteri 1♂ 4♀ = abdomen
& 1♂ CR = azteca gundlachi R+H

Epil. bremeisteri Cuba on quite
green to brown & usually scattered
leaves, more green & freely
let it be covered blackish. Head
large & broad sp.

Pseudophyll. guttulata Type 1 wing
left

P. nistris sp. abd 2 wings & 1 leg
left

P. infernalis Same Larva 1st



Subg. pl.

2nd larva

2nd larva 1st stage

1st stage 1st stage

Pseudophyll. laticata 1 spec with
abd & long antennae. From the Pacific

Proctos. bicoloratus Type "Miguelito" wing lost

Proctos. mexicanus Type "Pam" 1 wing left

Blaptica minuta Sauer 8 1/2 1/2 1/2

Blaptica minuta H. & S. 1/2 1/2 1/2

Blaptica minuta Sauer 1/2 1/2 1/2

Blaptica minuta Sauer 1/2 1/2 1/2

Blaptica minuta Sauer 1/2 1/2 1/2

Blaptica minuta Sauer 1/2 1/2 1/2

Blaptica minuta Sauer 1/2 1/2 1/2

Blaptica minuta Sauer 1/2 1/2 1/2

Blaptica minuta Sauer 1/2 1/2 1/2

Blaptica minuta Sauer 1/2 1/2 1/2

Che argenteus "Eutrichia" "Corymb" ?



Markea bipunctata Boydalis
1800.

Have large size Asiatic (Japan)
most of them — Boydalis
Boydalis

Cyrtopogon Boydalis 1800. not =

Boydalis. The latter is
a large, black, rounded up
a somewhat acuminate insect
of Boydalis Boydalis. Type -
of Boydalis

of Boydalis, Boydalis, related but
still larger, more, rounded
colored antenae not acuminate
of Boydalis in dark color before
of Boydalis Boydalis in
antennae.

Cyrtopogon Boydalis 1800. not =
Boydalis is close, type strongly
acuminate (large square on
the side of the ant. and decurved
but appear similar.

39 Boydalis 1800. "Type!"
= Boydalis and more sym.

30 Boydalis, Boydalis, smaller
very slender, more in lateral
but still to Boydalis.

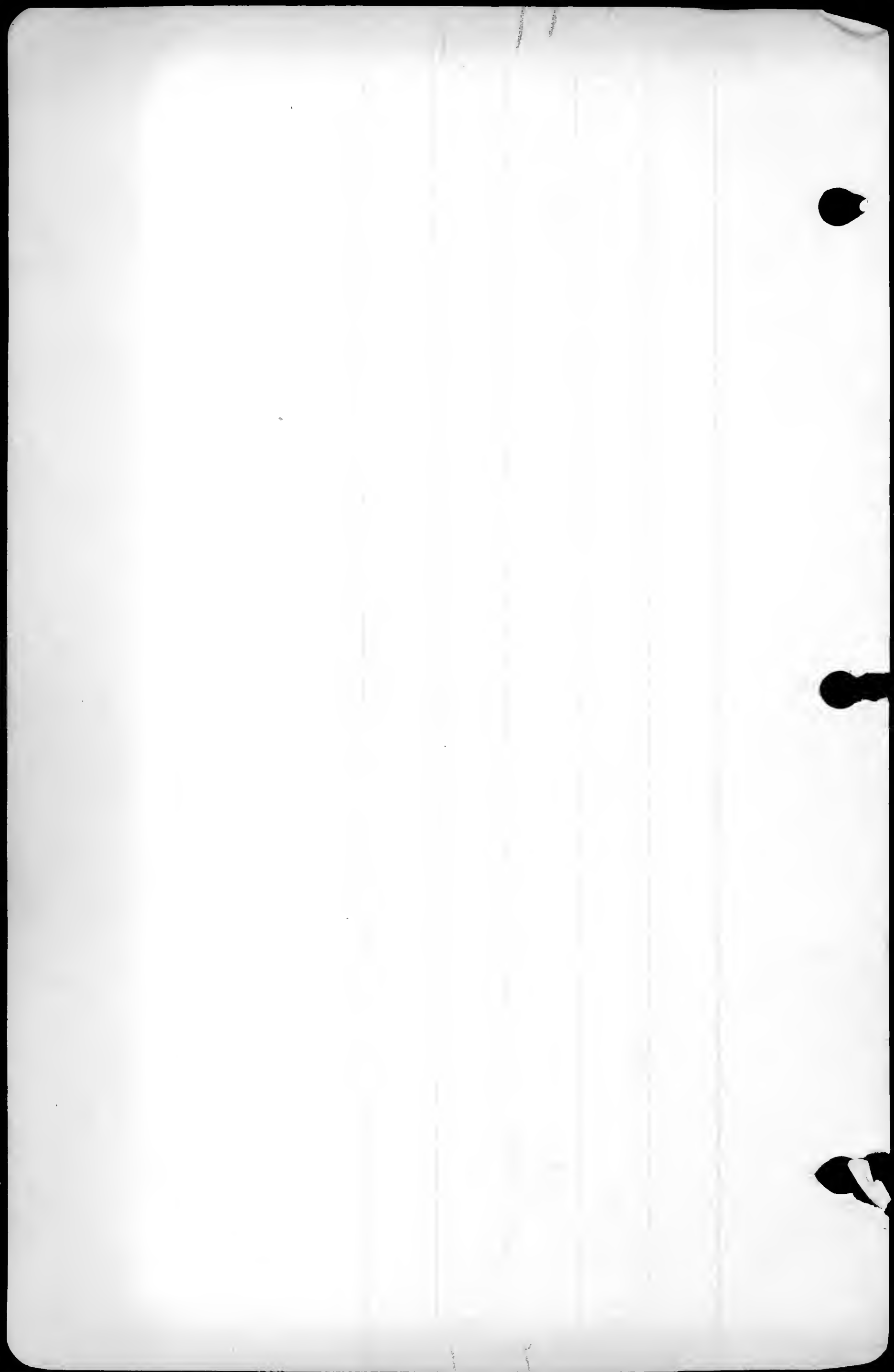
Boydalis Boydalis not similar
of Boydalis of Boydalis,
black not deeply contrasted
of Boydalis and Boydalis
of Boydalis.

present the same spot.
 The camp however made out
 2 small black birds in the
 sand but could not find any more.
 Type 12 "Mentzelia".
 10 small but fairly discolored
Mentzelia mentzeliana 12
 in 2000 ft. elevation. It is
 a Deschampsia teguina but
 much of the upper leaves were
 brown and withered. A faint
 darkened spot "S. Carol" whole
 discolored.
Mentzelia mentzeliana 10 "Carol.
 S." Also in 2000 ft. elevation
 at same place. Very numerous
 2 small. Very many but few
 large. Could find a small area dark
 2 small Mentzelia mentzeliana
 and

only 10 ft. a small
 bush. Mentzelia mentzeliana small plants
 This is Mentzelia mentzeliana and
 our Clayton Mentzelia mentzeliana. All but
 part of Mentzelia mentzeliana and all but
 large Mentzelia mentzeliana of
Mentzelia mentzeliana mentzeliana.
Panoxia atlantica 10 12 Ball
Texas atlantica atlantica
Coccolithus atlantica atlantica 12
Salmon atlantica atlantica VIII. 1883
Salmon atlantica atlantica also marked
 "Type Colorado" atlantica atlantica
Salmon atlantica atlantica. Salmon
atlantica atlantica atlantica atlantica
atlantica atlantica atlantica atlantica

June 8

Hipp. calcaratus ? quadrata light
fleshy ovoid fruit. Called
"papa" but not used for food.
It is a common bluish green
plant in the mountains of the large
Hill. calcaratus 10 12 3000
Telling to me 8.31.1883 that an
"ovoid" fruit is by Brunner.
calcaratus calcaratus 10 12 "Cuatla
E.C." Brunner type. Fruit very dark
fleshy calcaratus 10 12 much
like the calcaratus there. Brunner
type. calcaratus calcaratus calcaratus
called calcaratus calcaratus calcaratus.
calcaratus calcaratus calcaratus calcaratus "Miztill.
E.C." Brunner type
calcaratus calcaratus calcaratus calcaratus
very common calcaratus only
a pale red fruit making
one of the best of these are types
of calcaratus calcaratus but some
darker with called calcaratus by
the name calcaratus calcaratus calcaratus
can make calcaratus & calcaratus
are calcaratus.
calcaratus calcaratus "Cordova E.C."
calcaratus calcaratus = calcaratus?
calcaratus calcaratus 3000, 4 com-
located is a large species
gives calcaratus calcaratus calcaratus
The calcaratus highly specialized.



Stagmatoptera hirsutata
K.

Male type labelled "Sudder's
type, 1875. Peruvian Marañon."

Measures as follows:

Length of body	64.5 (thorax)
Pro.	26.8
fr. w. pro.	4.5
Legn	47.5
fr. w. legn.	11.5
Ceph fem.	15
Caud fem.	19.7

The pronotum is quite
slender, armed with alter-
nating spines $\frac{1}{2}$. Tegmina
with the apex rotundato-
angulate, with the ocellus
|| Facial scutellum

Tergal marking





~~Homocogamia tolliana~~

~~Batiquian Mts., Ariz.
3 ♂♂♂.~~

~~Homocogamia apache~~

~~Claremont, Cal. 1 ♂~~

~~Kern Co., Cal. 1 ♂~~

~~Need all of the series
of hitamutria.~~

~~Oligomyx scudderi tollianus~~

~~Cent. Missouri. 2 ♂~~

~~Quaga, Kansas (Riley)~~

~~(Cressner) 1 ♂.~~

~~Kansas. Ill. 1872 (Riley) 1 ♂.~~

~~scudderi Crescent City, Fla. 1 ♂.~~

~~Kansas, no date. (Riley)~~

~~Traskahma, Okla. (C.H.) 1 ♂.~~

~~IX. 15. 1904. (C.R. Jones) 2 ♂.~~

O. mexicanus (Saunders)

Nogales Ariz., VI, 14, 15, VII, 19, 1903, (Osler) 4 ♂.

Huachuca Mts, VIII. 15. 1903, (Osler) 4 ♂.

Stagnomantis carolina

Laramie, Wyo. (A. C. Cocker)

1 ♀, 1 ♂ [VIII. 8. 1878; on cotton; Grote]

The record of 1 ♀ from
Westwater, Utah is prob.
of a distinct thing, i.e. the
femur shield is not typical
and per. form is different.

[Faint, illegible handwriting throughout the page, likely bleed-through from the reverse side.]

Stagnantia sp. [lab. carolina
var. irrorata]
Alamy, Colo. 1♀
Canon City, Colo. (Putnam.) 1♀

Goniatista grisea

1♀ Savannah, Ga. (A. Oenker.)

2♀ Texas

1♀ Fla.

1♀ St. George, Fla. (R.S. Turner)

1♀ Miami City, Fla. 1x. 14. 1907

(W. W. Turner)

1♂ West, Fla. 1x. 1. (Schwarz)

1 immature ♀ Mc Donald, Fla.

1x. 6. 1905. (C. H. Baker) [on
long leaf pine]

1 immature ♀ Capron, Fla. 1x.

Parabacillus olivaceus

One ♀ from Logan, Oklahoma
(x 1. 6. 1907) labelled P. palmeri

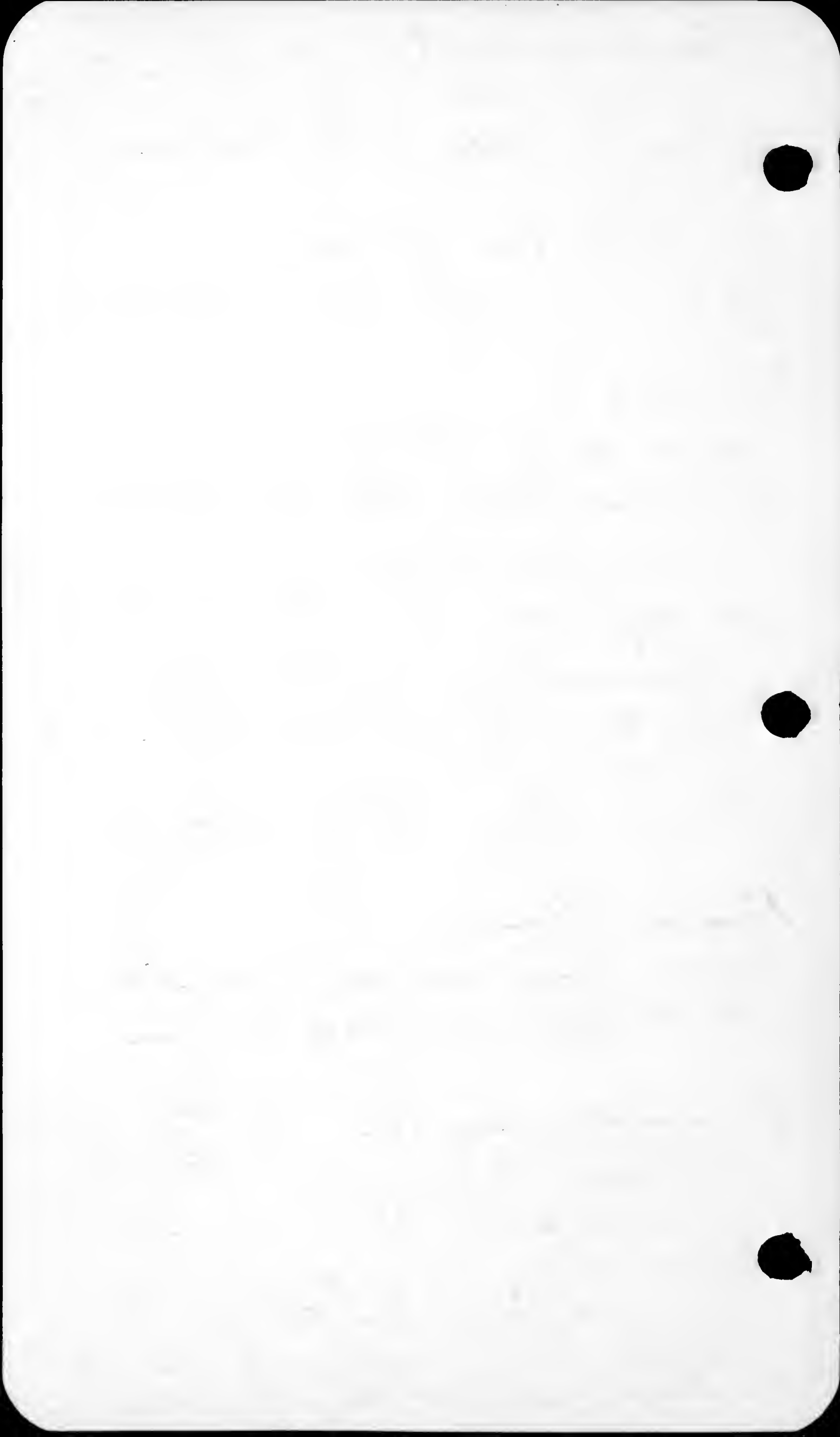
Pseudosermyla

These agree
do not agree
with the type.

Ureter truncata a ♀ + a ♂
specimens from Acena,

Nevada, needed for
comparison with an

Trietic sp. Also 1♀ similar
from Bright Angel, Ariz.



Paropomata calamus
Russell, N. M. (Cocherell).
August. 2 ♀

Paropomata wyomingensis
Type series { 2 ♂ Cottonwood, Wyo.
1 ♂ Wyoming
2 ♀ Wyoming.

Additional sp. [labelled cylindrica]

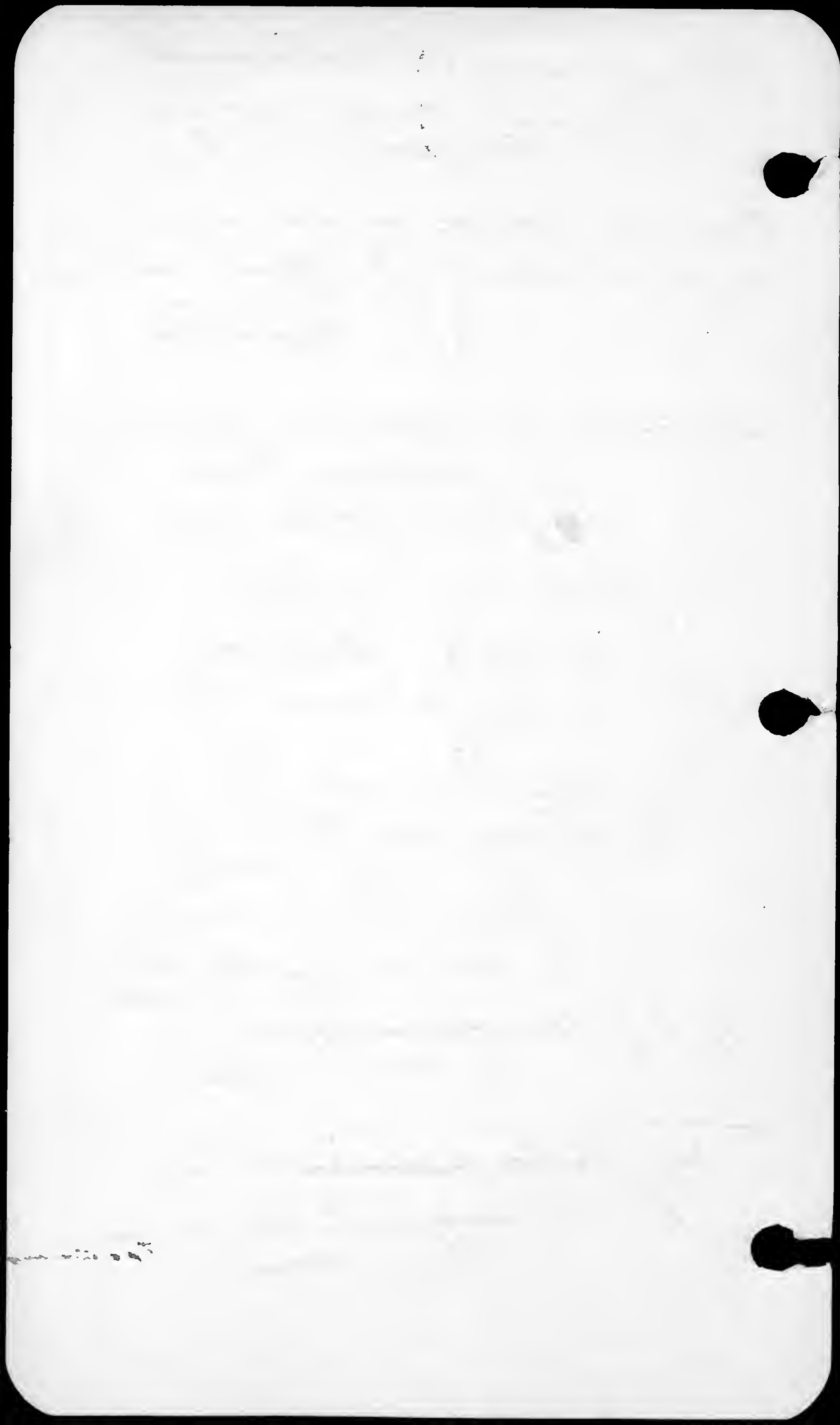
1 ♀ Chadron, Neb. (Bruner)
2 ♂ 4 ♀ Valentine, Neb. "
1 ♂ 1 ♀ Lincoln, Neb. "
~~1 ♂ Lakeview, Kansas~~
~~1 ♂ Ft. Collins, Colo. (G. Little)~~

~~Truxalis brevicornis~~

~~1 ♂ Thompson's Mills, Ia.
X. 1909 (Allard).
1 ♂ Ia. (Merrison).
1 ♂ Savannah, Ia. VIII. 7. 1878.
(Grote).
1 ♂ 2 ♀ Thompson's M. ls. Ia.
X. 1908 (Allard).~~

Syrbula admirabilis

~~2 ♂ Thompson's Mills, Ia.
X. 1909 (Allard).~~



Mermiria brevittata

Georgia (Merrison) 3 ♂♂

Apparently the same as
Kansas material.

Mermiria intertexta

2 ♂♂ Georgia (Merrison).

Mermiria alacris

1 ♂ Georgia (Merrison).

labelled "Scudder's Type 1876."

1 ♂, Southern Pines, N. C. 1905

Acrolophites leucipes

Ft McLeod, Alberta.

1 ♂.

VIII. 1882.

1 ♂ Emigrant, Mont. VIII. 1907.

(Robinson).

Eritettix

Specimens labelled virgatus from

Montana, Clearwater, Kans.,

Col., Wichita, Kansas, Plenum,

Col. Ft Mc Kinley, Mo.,

Sedalia, Colo., Kansas.

E. simplex

Laurel, Md (May 1911) ⁴ ♂

VI. 4 1911

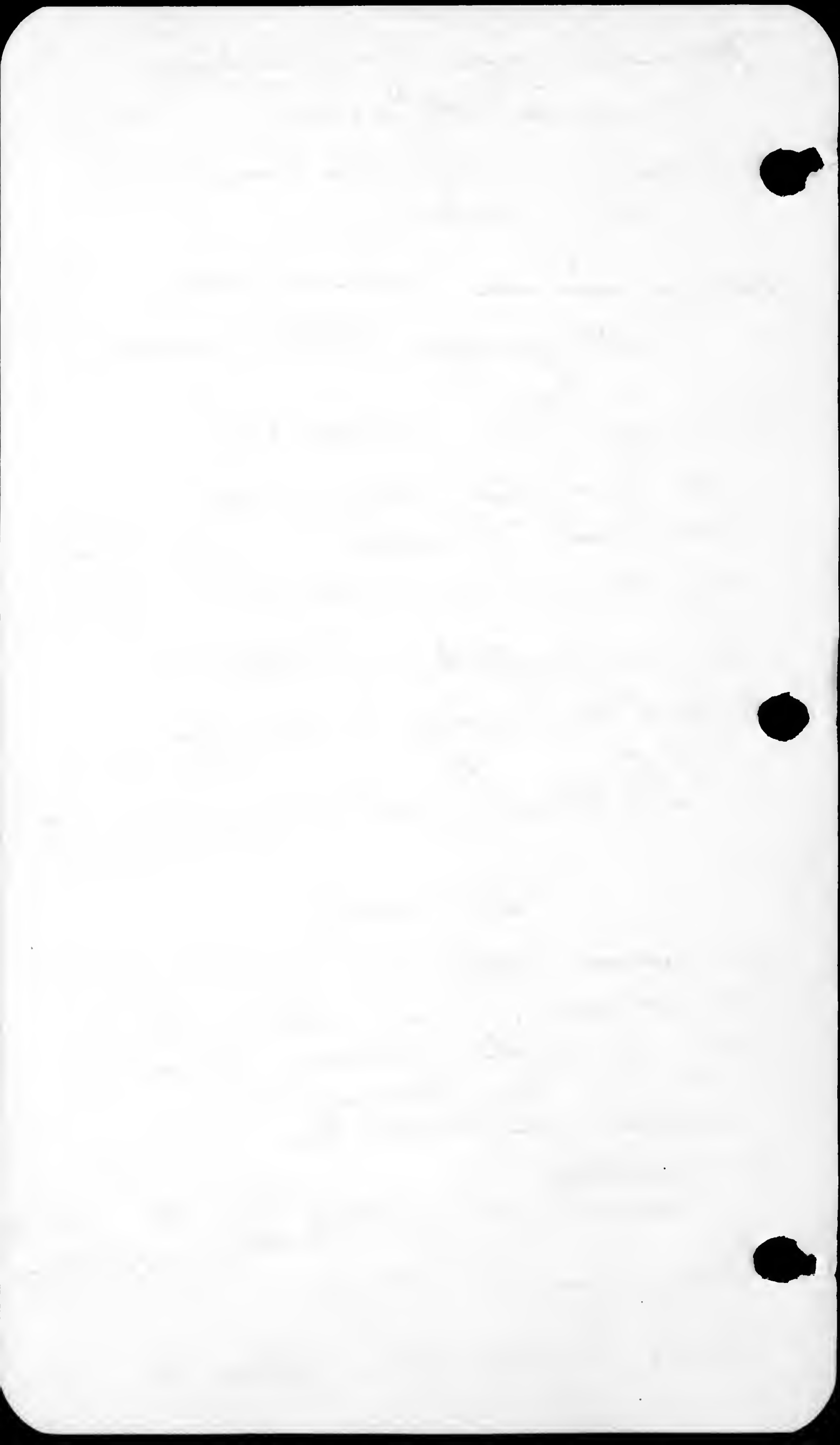
(Mars hall)

Merrison

Thompson's Mills, Ia. IV. 1910 ⁸ ♂♂ (Allard)

2 ♂ 1 ♀

Piney Pt., Md. VI. 17 (Pygande). 1 ♀



Eritettix tricarminatus (labelled as such).
~~Poudre River, Colo. III. 883. 2♀~~

Myoming 1♀

E. navicula
~~Sedalia, Colo.~~

~~golden. Colo. 1♀~~

Amphitermus unicolor

Harney's Peak, black. 1♂.
betw. 7000 - 8000 ft. (Bruner)

Oryphulella pelidna

[labelled as pratorum]
Macon, Ga. IX. 8. 1876 1♂

fa. (Morrison) 1♂
Monticello, fa. VIII. 2. 1905.
(Diters) 1♂

Thompson's Mills, fa. X. 1909
(Allard) 2♂ 8♀

Oryphulella speciosa

Custer, Black Hills (Bruner).
1♀

Meursethus gracilis

Custer, Black Hills (Bruner)
2♀ 3♂

Cumblytropsidea ~~myrtosa~~ sp. [NOT occidentalis]
1♂ 1♀ Fort Grant, Ariz.

A. occidentalis
1♂ fa. (Morrison).



Gnophocerus clavatus

338 Harnes's Peak, So. Dakota.
7000-8000 ft. (Brunner).

Acantherus pipratus

One of two type females present.

Platylabus sordidus

In addition to type lot, one
hypotypic female, one male
from Picatello, Idaho.

Proopidius sarumarensis

Series from Texas; Victoria,
Texas; San Antonio, Texas.
Columbus, Tex. [Labeled
~~notum~~ var. maculatum]

Chlocaltis abdominalis

Custer, So. Dakota. (L. Bruner).

8♀ 5♂.

Harnes's Peak, Black Hills.

7000-8000 ft. (L. Bruner)

1♀

Argyria arcta

The series on which Cand.
established the synonymy of
sepnata with arcta contains
no true sepnata.

Spharagnum bollei

Thompson's Mtl. fa. X. 1909
(Allard) 1♀

Metator pardalinum

Custer. So. Dakota (Bruner)
1♂

Cruzia carinata

Specimens (all in USNM) from
Nogales, Int. front. Huachuca,
Baboquivari, Reef & Wilcox,
Ariz. labelled in coll. as

sulcifrons are this
spec. labelled behrens from Nogales are this.

C. sulcifrons

A spec. (♂) from Winslow labelled
behrens is this species.

Grand Junction specimens
labelled wallula are
sulcifrons.

Spec. labelled Trim. Texana

in the coll. from Santa ^{Rita} Mts.,

Ariz. Oracle, Ariz; Catal. Spgs. Ariz.
are carinata

Trimerotropis brunnei

The specimens from Nogales
are not brunnei but probably
strumea.

~~Trimerotropis citrina~~

~~2 ♀ Thompson's Mts. Co. (Allard).~~

~~Trimerotropis saxatilis~~

~~2 ♂ 2 ♀ Highlands, N. C.
Sept. 1906~~

~~Trim. munda~~

~~heser. as a Hadrotettix~~

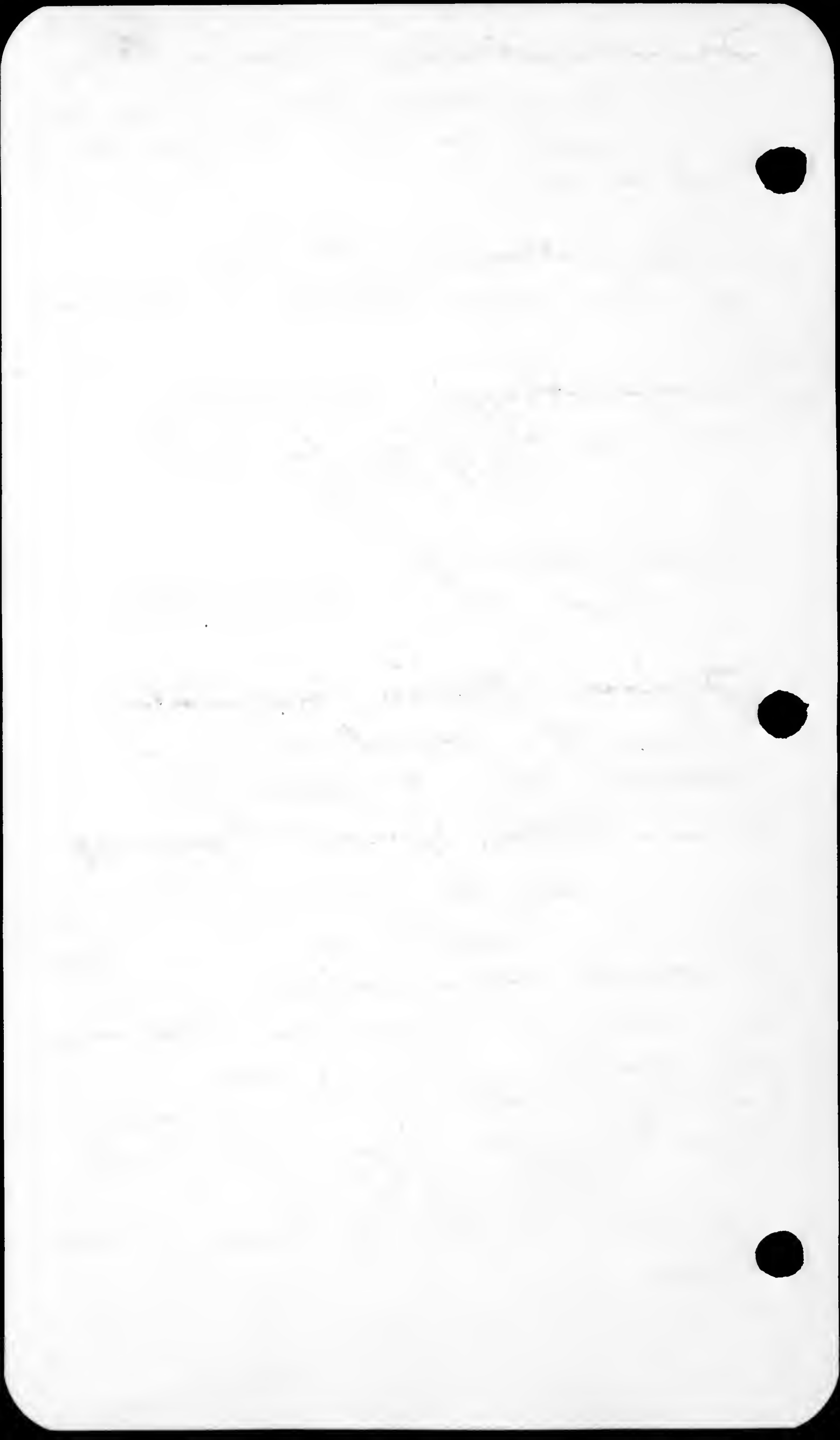
Trimerotropis maculatus

Type ♂ Summit of Sierra
Nevada, Cal. (H. Edwards).

Minor head, spread (leg. exp.

54 mm; Length of body approx. 22 mm)

Legmina with numerous small
quadrate maculations, crudely
arranged in a median + transverse
pre-median transverse band
but also scattered irregularly
elsewhere. The wings are solidly
maculate with clove brown
except for the hyaline apical
1/3.



Leptysma mexicana

Texas. 1 ♂ 1 ♀.

Paranimit Valley, Cal.

Large series

San Diego, Cal. 1 ♂ 1 ♀

San Diego Co., Cal. (Coquillett) 1 ♂

Los Angeles, Cal. " 1 ♀

Schistocerca americana

Thompson's Mills, Ga. Spring
(Allard) 1 ♀

Savannah, Ga. VIII. 7. 1878.
(Grote) 1 ♀.

S. damnifica

St. Cath. Is. Ga. XI. 1878.
(Grote) 1 ♂ 1 ♀

S. obscura

Thompson's Mills, Ga. X. 1909
(Allard) 1 ♀

Ga. (Merrison) 1 ♂

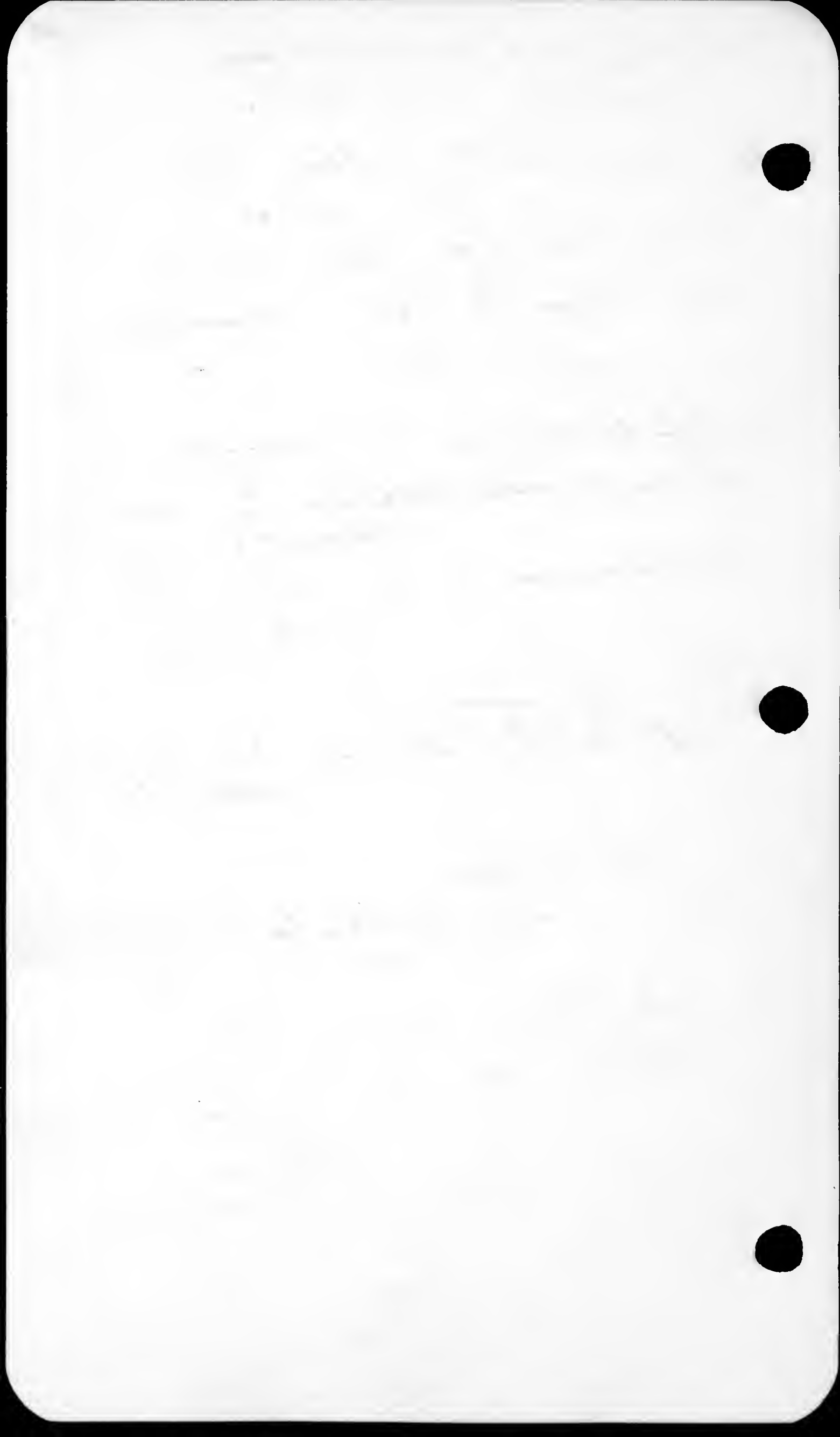
Savannah, Ga. VIII. 7. 1878.
(Grote) 1 ♀

"

"

VIII. 22. 1881

(Howard) 1 ♀



Platylyra californica

San Bernardino Co., Cal. (Coy.).

Los Angeles Co., Cal. (Coy.). ^{3♂ 2♀} 1♂ 1♀.

California. 1♂

Sierra Madre, Cal. V. 30

1 immat. ♀

Arcthaea sillata

1♂ Ft. Grant Ariz 1882

1♂ Topotypic Pabuerlee Cochise
Co Ariz.

Arcthaea gracilepis

1♂ Dallas Tex.

1♂ Las Vegas N.M. Aug. 14

1♂ Kansas

1♂ Raton N.M. Aug 26 Chll.

1♂ Wichita Kansas 7.13.

There is in the US N.M. a ♂
from San Diego Cal.

Collected by Schwarz m.sp.

Stilpnochlora marguilla

1♂ From orange tree (Fla)

1/2 - badly damaged

1♀ Crescent City Fla.

~~eggs taken North June 24.87; Key West Apr 24.87~~ Schwarz



Atlantides dorsalis

1 ♀ Holly Springs Miss Jy 12. 10

1 ♀ Plummer Id. Ued. Aug 2. 07
McAtee

1 ♂ Wyandotte Ind Aug 15

1 ♂ Falls Church Va. Jy. also 1 ♀

1 ♂ Shaves Fork Mts 3500 ft

^{near Pocahontas Co.}
near Denton W Va. Aug 26. 09

Hopkins - a specimen
beautifully marked with irregular
black mottlings

Hadenocera pulex Sc

Thompson's Mills Ga

2 ♂ 5 ♀ 3 m Oct 1909.

Gannarotellix bilobata

1 m ♀ Apr. 18 Jy

1 ♀ Los Angeles Co. Cal. June

2 ♂ Humboldt Co. Cal. Bair's

{ Ranch Redwood Creek
Barber

1 ♂ Santa Cruz Mts Cal Koebel

1 ♀ Feb 28. 82

Hyllotalpa major

1♂ Carthage Mo. May 1, 1876.

♂ ♀ Sillwater Ala. Agr. Coll. Coll.
1♂ Mississippi B.T. Webster (Addr. Miss.
Louisville)

Scapteriscus abbreviatus

~~1m 2♀ Miami Fla. J. A. McCrory
Apr. 8. 04.~~

~~3♂ Pt Tampa Fla. Brenner
Feb. 7. 99~~

~~1m 1♂ 1♀ S. Barnwell Ga.
white oak,~~

~~1♂ 1♀ Key West Fla. Dr. J. V. Harris
May 23. 11.~~

Scapteriscus mexicanus

~~1♂ 1♂ White Oak Ga. Mar 23. 04~~

~~a. S. Barnwell~~

~~1♂ Louisiana.~~

Scapteriscus didactylus

~~1m 2♂ 1♀ Brunswick Ga. Feb. 5. 03~~

~~Goodyear 2m in April~~

~~1♂ White Oak Ga. Mch April 04~~

~~a. S. Barnwell~~

Scapteriscus oxydactylus

~~1♂ Louisiana (very large
insect w long wings)~~

~~Scapteriscus ultricolor~~

~~1♂ Mexico Southwest.~~

Tridactylus apicalis

1 Cameron La. 6.26-30.05

2 Cal.

1 Catalina Mts Ariz 16

H H Hubbard

1 Big Lake June 20.11 Ark.

McAttee.

Tridactylus terminalis

~~2 Dallas Tex.~~

~~= apicalis~~

~~1 Rock Creek D.C.~~

~~1 Cameron La.~~

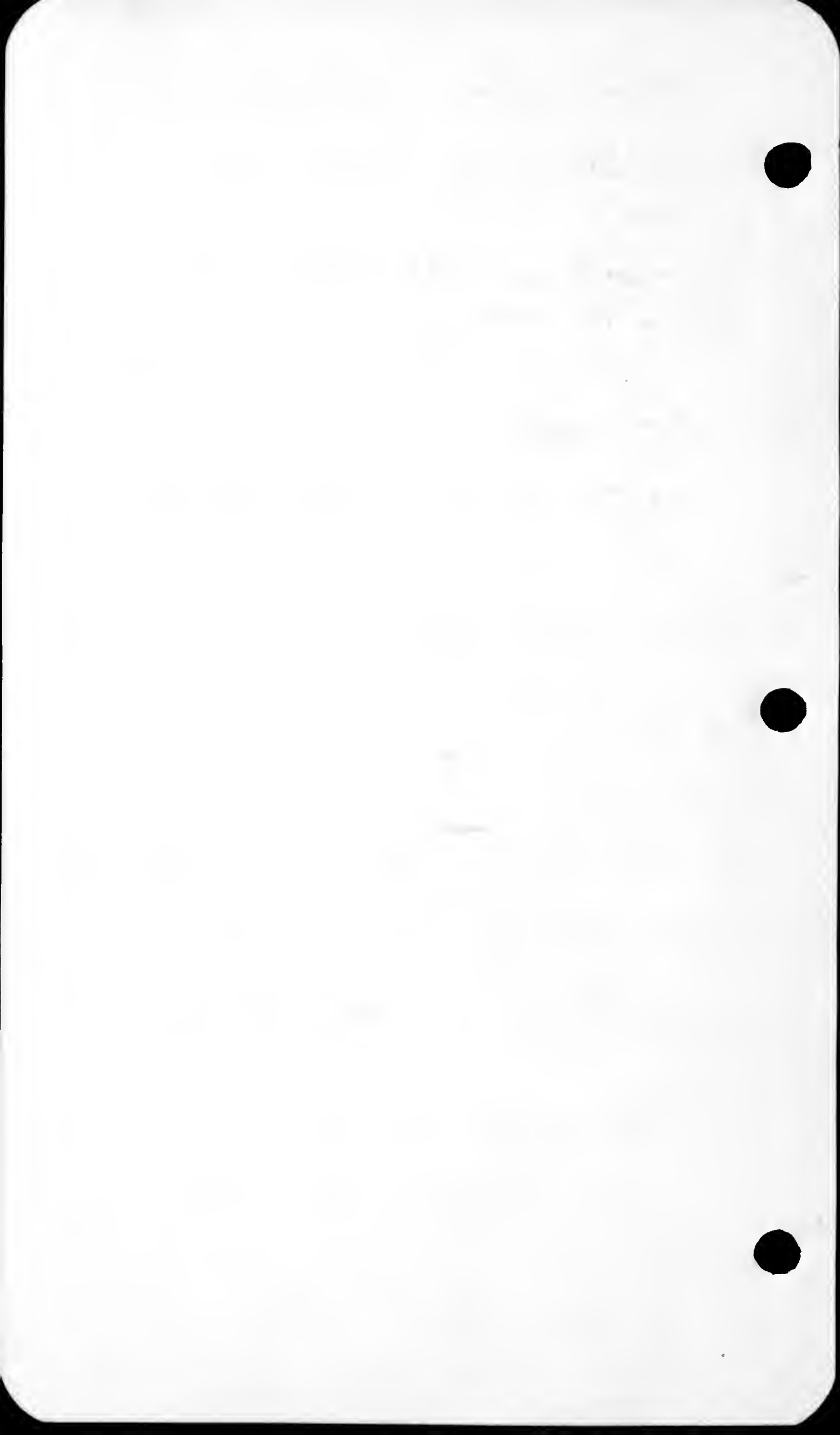
~~1 D.C.~~

~~Candell has been able to find nothing except color for separating the above.~~

~~Cycloptilum aquinosum~~

~~20.~~

~~Estat have all for comparison 12.~~



(what we call delicate)
~~Cyrtoripha gundlachi~~
~~+ ♀ Key West Fla. 6-14-03~~
~~& A Schwarz.~~

Cyrtoripha delicatula

~~1 ♀ Dade Co Fla Schwarz 1887~~
? 1 ♀ Washington DC 2.9.08 ^{fix}
? 1 ♀ Rockville Md VIII.16 J. Knab.
(?? 3 long wing A. exigua??)

Cyrtoripha columbiana

~~1 ♂ Falls Church Va Sep 14~~

Type
1 ♀ ~~Washington DC IX.21.07~~
~~Mrs. Candell on car.~~

~~2 ♂ 1 ♀ Thompsons Mills Ga.~~

~~1 ♀ Dallas Tex, Boll.~~

~~2 ♂ Houston Ga Jy 26.07 Allard~~

Ingonidornis belfragei

2 ♀ Texas. Belfrage

Gryllodes angulatus Walk.

4♂ Washington D.C. Aug. 11, 08
3♀
5m in Green House. Mr. Sander's

~~Miogryllus capitatus Se.~~

~~Esperanza Ranch Brownsville
Tex. VIII. 1. 1♂~~

~~Miogryllus oklahomae Cand.~~

~~Wichita Ks. June 04 F.B.~~

~~Isley June 04 1♂ Type~~

~~2♀ Also 2♂~~

~~Miogryllus saussurei Se.~~

~~1♀ 1♂ Falls Church Va.~~

~~1♀ College Park Md 9.17.04~~

~~1♀ Washington DC 17 June 12.08
A. N. Candell~~

~~1♀ Plummers Island Md. 4.6.05
McAtee~~

~~1m ♀ Atsion N. J. Candell VII. 31.11~~

~~Miogryllus pictus Se.~~

~~1♀ Brownsville Tex.~~

~~Unique Type M. californicus
187 Helman Ranch
Cajon Arch. Santa Rita,
Imperial Co. - U. M. - 7000 ft
Aug 19-19. 1897. Wootton~~

Thorne Coll. notes.

~~immature is the same as we
found at Diller Oregon.~~

~~Very large mass C. x. pubescens Fla.~~

~~Scutellaria angustata~~ ~~for Little Mt.~~
~~2nd 3rd 4th~~

~~15th 2.1.7. (Anella July 1 June 27)~~
~~2nd~~

~~10th 1.1.7. (Anella July 3)~~

~~B. punctata~~

~~28th Yuma July 5~~ ~~Thorne~~

~~10th Cordes July 9~~

~~10th Palen Springs 12 July~~

~~Some. Alpheia interesting with~~

~~2.1.7. (Anella) C. x. pubescens~~

~~Thorne. (Anella)~~

~~Thorne. (Anella) Aug 25~~

~~pubescens (Anella) Hunter~~

~~Thorne. (Anella) after 100~~

~~pubescens (Anella)~~

Derotumena Types

~~*Imicrotopis Thalassina*~~

D. calceinatum 1 ♂ Misilla
N. M. June 30, 1897 (Morse)
Sc. Colln. [no ♂ of from Las Cruces]

D. delicatulum 1 ♂ Lancaster
Cal July 31, 1897 (Morse) Sc Colln

D. saussureanum

Type ♂ (w blue wings) San

Bernardino July 16, 1897

(Morse) Sc Coll. unless

I find cotypes which really
should be chosen in Br

D. luteigulosum

Syn of *D. gracilis*

There is ~~no~~ possible doubt of

this - Sc series beside each
other in the same drawer

Cent. & luteigulosum are undivid.

undistinguishable exc. by color of
wing ^{bristles}

Type ♂ South Park Colo

Aug 11-16, 1877 (Sc) Sc Colln

Alt 8-10000 ft.

~~Tricentropus pacifica~~

D. ~~lichenosum~~ Sc ~~corp~~ =

~~T. gracilis~~ Type 1♂ Alkali

Sta Wyo July 27, 1877 (Sc)

Sc Colln.

~~antiginosum~~

D. ~~lichenosum~~ may be

O.K. but very close to

T. gracilis - 2♂ would?

then be T. ~~lichenosa~~ ^{antiginosa?}

It is exactly like grac

except - The wings

have a mottled look

owing to their being

covered with dark

markings suggesting

banding - And the

wings are considerably

shorter ~~proportionally~~

and more rounded at

the tip - To show how

close they really are

~~*Imantodes perphera*~~
however we must see
that a cinder put one
of this from South Park
in with ^{the} ~~*Antitroch*~~ ^{*lichenosus (gracilis)*} type
series - All from So Park
are ~~*lichenosus*~~ ^{*antiquus*} which
would suggest this a
race of *I. gracilis*
restricted to the high
mountain valleys.

~~Conotettix lapidicolus~~

S. carniata - In n.c. 2 ♀ Calā
~~must be misplaced~~, else

S. zapoteca In n.c. 1 ♂ Las Cruces
N.M. Chll " certainly = *S. vaga*
else
S. vaga. Guadalupe Id Palmer
2 ♀ Types.

Large series *S. alutacea* from
Dallas Tex. (Ball) all obscura.

Also 1 ♀ Port Royal S. (Fowler)
Nov. 1864; 1 ♀ So States (A. Agassiz)

S. alutacea - Wareham Mass (Bangs)
Aug. 15, 1908, 9 ♂ 13 ♀; 1 ♂ 2 ♀ Stanford
Conn Aug 22, 94; 1 ♂ 3 ♀ Dallas Tex.
(Ball); Reno Record doubtful
at ch., Julian likewise, Colo
Pueblo & Denver = *S.* (mr blue-bell)
~~lineata~~
none of *alutacea*; Cant
find Mesilla & Sierra Nola
probably questionable.

are these *alutac*? they looked
so diff in Bk. colln. & never
thought of that sp.

~~Circotettix obscurus~~

S. obscura

no good Colo or Mex records,
n.m. ?? Mex ?? All Mex
records ??? 17/18 La Cueva Organ
Mts. N.M. Abt 5300 ft (Townsend)
Sept 3 is our Palo Verde Schisto.

S. lineata 1♂ 3♀ Guly C. Lee.

(Aaron) 1884 - A very

large flavo-testaceous beak
much like a peculiar light
reddish *S. obscurus*

S. albolineata 2♂ (red leg sp.)

mesilla n.m. June 30, 97 (Huse)
1♀ Texas, (Vope) Aug 23 recorded
probably as *Alutacea*.

S. venusta 1♀ Grants Pass

Oregon, 2♂ 1♀ Indio, 1♂ Hazelle
all o.k. in Sc Colln. - Indio
♂ might be chosen as type
as is typical - Hazelle small.

~~Cedypoda~~ (3) occidentalis
S. subiginosa ^{1♂/♀} Wellsley Mass Oct 30
1890; 2♂/♀ Provincetown Mass
Sep. 4, 1891; Dedham Mass
Aug 1892 1♂/♀; 1♂ New Haven Conn
North Haven Conn 1♂ Aug 23, 1894
8♂/♀ L. I. Sept.; 2♂ Guilleville
N.C.; 1♀ Duigo Bluff All rest
since O.K.

S. gracilis Type as given

S. aurantia 1♀ Meriden
Yacataie: chosen type all
rest in ^{poor} such condition

S. carinata 2♀ S. nola
Mex - See Bremer material
for type

S. crocolaria Chostales
Mex 3♀ Type any one.

S. interita

2 awful we call looking
sp. = S. carinata?

~~Yunnicus (?) auduboni~~

S. camerata heavier
sp app. O.K. All 3 types

S. mellea Br coll. types

S. zapoteca - ♂ almost
like *S. vaga* but more trim
and sharp angle of
pronotum in rear makes
them easily separable -

The ♀ marked Las Cruces
N.M. is evidently merely
a very dwarfed *S. vaga*.
♀ of *zapoteca* are heavier
almost like *subquiosa*.
The belonging evidently
to the *vaga* group.

~~Thrinacos (?) maculatus~~

S. maya 10♂ Venus Mex
Mex. Jan 6 (Palmer) good
sp. _____

S. australis 0 ^{Santarem}
etc alde
many

S. gulosus 1♀ Type

S. bogot 2♀ Types

S. inscript _____

S. idonea 2♀ ^{Types} Beasts

S. litorea nice

S. metanoocera beautis

S. sonorensis 2♂ TYPE

Mex S. obscura 2♀
slow look funny

~~Haldemania robusta~~
S. mexicana Type ♂

S. separata 2♂ 1♀ Most
Mex Types

S. shoshowe 2 Mex rec
OK

S. obliqu 0

S. punctata
1♀ Paramaribo Type -
A weak sp. in appear

S. viritt 0

S. peregr - S paramari
see bc

S. exim 1♀

mid ocean

S. simulat 1 ♂

S. pygmaea 1♂/♀
Types if washed

S. ... 1♂ Type or
discovery 4♀ Sc

S. flavofasc looks
like the rest along
river - quite a few
much alike

S. flavofas

S. nigrum O. K. sp
4♂ 2♀ Types

S. aequalis
2♂ Denver not partic
ularly fair etc types

S. pallens much like
Ba. N. sp. but shaped
like *S. am.*

S. cancell like one
with plain borders
of leg.

Luxt. Types

m. intertexta

1♂ Ha Morrison -

Sp seems fairly safe -

m. vigilans

1♂ Smithville Nc.

Nov. 22 (1876 Parker-Maynard)

~~Amittes mucolor~~

~~Type can find it~~

Op. testacea 1♂ Lancaster
Cal, Aug 1, 1897 (Morse)

Or. albus

1♂ Mt Wilson etc

Horesid cinereus

1♂ Palme Springs Cal

Palme Cañon July 13 1897
(Morse) Type w heavy
markings as this seems
to be more common

S. oregonensis - Divide
Oregon Sep 12, ⁹⁷ Morse
1♂ Type.

S. mesilla - Type 1♂
Mesilla N.M. July 21, 1897
~~Morse~~ Cockerell ^{can't be, but is} only 3 in series
This looks bad but
will take much work -
Undoubtedly the great
majority are not this
but *Psoloessa texana*

S. tunicaria

1♀ Type

A. nympha

1♂ Pueblo Colo. Aug 30. 31-'77
4700 Ft.

A. parallelum

1♂ Type

A. fumosum

1♂ Habie, KS - Sep 1 - 1877
3000 ft.

Arphnallia paper

A. oblig 1♂ Dallas Tex Boll

A. picturata 1♂ Dallas Tex Boll

A. discreta S L Vall 1♂ 4300ft

Aug 1-4-1877

A. salina

1♂ White River Colo Jul 24-Aug 13
all rest alcoholic.

A. peatorum

1♂ Dallas Tex Boll Type
big heavy beast

as 1♂ Smithville N. C. Smaller

rust rosaceus

Palm Sprs, Kern Co,
Type ♂

rust myahus

Laucaster, Kern Co
Type ♂

Conozoa corrugata = ♀
of Conozoa picturata ♂♂!
and somehow they look
very familiar.

Look up *Sphingonotus*
mitans - ♂ ♀ - Michaud
They like our *H. minimus*
which is not.

M. C. Z.

A. occidentalis Smithville N.C.
X1.22 10 [M.C.Z.]

Amis ferruginea

P4 Hudson Miss. Leavitt 1♂ 2♀
Cahulla Ba 1♂ 1♀
Cumberland Bay Ky 40 Jaxton 2♂

~~Amis~~

Meostethus lineatus

Englewood S.D. (from Bremer) 2♂ 2♀

G. umbrosus

1♂ 1♀ Sh W. Lake Worth Fla.

1♀ Capron Fla.

1♂ TYPE G. volaticus ✓

1♂ 2♀ Cuba Wright ✓

J. lucida

1♂ 2♀ Key West Morrison

1♂ Capron 18.75

1m Naples

1m Punta Gorda

1♂ Palmer 1150

O. saulayi

2♂ 1♀ Bisc Bay Fla Slosson

1♀ Fla !! ab. long large ocp

H. quadratus

4♂ 1♀ Key West Morrison

1♂ 1♀ Bisc Bay Slosson

1♀ Palms 1009

M. capitatus

big head strikingly barred

1♀ Cuba Same as Sabre Lower Cal americae

1♀ TYPE slossoni 1m Bisc Bay Slosson = antell
1m Lake Worth Fla.

1♀ 2m Lake Worth Fla zebra Slosson

1m Bisc Bay Fla

Gryllus domesticus

~~2 ♀ Utah Ala~~

~~1 ♂ Roswell Ga. King~~

~~1 ♂ Tex Delpr.~~

~~1 ♀ W. Farms N.Y.~~

~~1 ♀ Carolina~~

R. brevipes

4 ♂ 2 m Sandford Fla.

1 m Cape Canaveral Fla Mark Maynard

monica

intertexta as per Davis -

alacris apparently only a

small form of vigilans

1 ♂ 1 ♀ A. phalaenopsis Sandford Fla
from S.B. Frazer

and the type ♀

a. pictipes Sc^{ms} = a. ranae Rehn

Fas Vegas Eucot. parvus
dark w blue legs as thought
mesilla ones like El Paso
E. texensis - misidentified

The ♀ Type Arphia tiporata = ♀ Type
A. aberrans except legs are not
spotted — Tip is colo. juv. aberrans.

Lip ♂ Type Pecos much like sonora
Road Canon tiporata — Others
of series very smooth like El
Paso Individuals

Sundders large series of Derot
rileyannus are all what we
call I. bilobata.

M. barbouri wings as in antell
& species the same — Large &
very chunky Pronot broad

2. ♀ Some wide ap candad #.8 long
2.6

○ = tympannice

Length post feem 5.8

gr w

2.5

Length wing about 5.

Length straightened out 10 mm

subg pl as in antell.

prob. at best a race

Palmer. 1072

~~St. Whipple Aug~~

~~Palmer~~

Tabia minor

- ~~107 Del Cy Del July 23, 1899~~
~~5219 Norway Me S. J. Smith~~
~~19 Beverly Mass June 1, 1866 E. Burges~~
~~1017 Sparta Wis. 8.7.96 J. E. McDade~~
~~10 near Boston Merrill~~
~~10719 Cambridge Mass 1.9.81~~
~~19 Medford Mass June 07~~
~~102 Wollaston " H. Sprague 1883~~
~~10 Albany N.Y. Peck.~~
~~2029 Sylva Cal. Aug 86 Ricksecker~~
~~6027 Providence R.I. May 25, 1871~~
~~outside stable~~

I. guttata

~~10719 Texas Bulfrage Types~~

I. burgessi

- ~~10719 Palatka Fla Feb 1868 Types~~
~~10 Type no label~~
~~19 5m No Fla Burgess Types~~
~~10 Appalachicola Fla~~
~~19 St Johns Riv Fla Allen~~
~~4029 Vero Fla Feb 10, 1869 J. A. Allen~~
~~19 3m Char P Harbor Fla Slosson~~

J. melancholica

1 ♀ Tex Belfr Type

1 ♀ Char Herb Fla Sloss !!

J. aculeata

1 ♂ much miles Lyne

Forceps diff // seen sharply
angled. 1 ♀ "11K" Compared
with type in Br. Mus = *Fox vittata*

1 ♂? N.Y. Type (abd lost)

1 ♂ Cumberland Gap Ky D. Dimmock

1 ♂ Exilis Lyne Tex n.g. =

Taeniata

S. Taeniata 2 ♂ 1 ♀ Chiapas Mex, Van Patten

1 ♂ Camp Grant 60 mi E. of

Sucson Palmer

2 ♂ Vera Cruz Mex Dallé

2 ♂ Monterey Mex. March

Palmer - The larger has
forceps of aculeata

1 ♂ Huatusco So Mex 1200 m

C. Corrigatti

2 ♂ Huayica, 20 m E. Monterey Mex

something sugg aculeata also
Palmer

1 ♂ Arizaba Mex Jan 7-16. 92 #13000

Fauricularea

~~1♂ 1♀ N.Y. / Miller~~

N. grisea

~~2♂ Disc Bay~~

~~1♂ Morris Is. (Isa (I think))~~

1♀ Palm Beach very active, on oak
bark.

~~1♀ Key West Morrison~~

Br. Mus.

Ectatodermus aztecus looks
like our *Texanus* we got



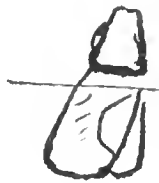
J. b. —	6.7
J. p. —	2.4
J. teg. beg. ju. —	2.6
CW p. —	2.8
J. c.f. —	5.2

Siphonius mexicanus

Amula 1 ♂

Broken ju. but looks
much like *Cryptopterus*
all wing tegu greatly

devel



body broken ju.

ext to live in life

~~Dist tars claws & short?
metat armed as *Cryptopt.*
interoc spot as in *Cryptopt.*~~

J. b. —	9.
J. p. —	3.4 (?) Broken
J. t. beg. ju. —	3.5
CW p. —	3.
J. c.f. —	5.8

^{Lab} 1 ♂ *Ectat alatus* from ^{Dr. M. M.}


Demerara is a *Cryptopterus*
w wings about as much
exposed as in *Cyclopterus*
otherwise csd. like antill
but more slender w narrow
dist part head —

dur placing of *Cameric* ~~same~~
is O.K.

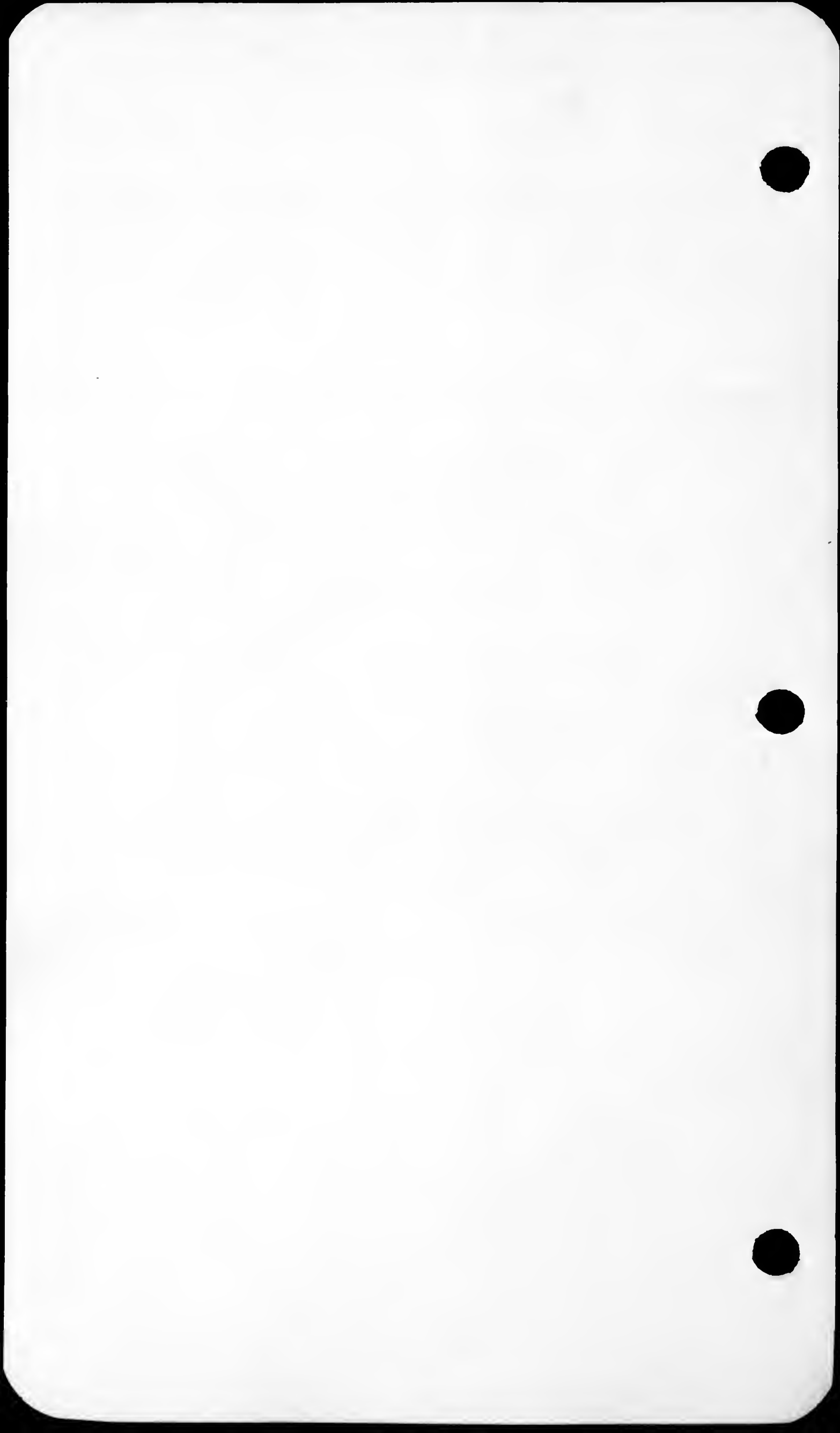
B. n. n.

Sauss *Ancrypha pulicarius*

Brist mat = 30¹⁹ which
look like *A. exigua* only
are smaller somewhat more
attenuate S. c. f. 4.65 July 1.5



striping indic or distinct



Br Mus Accessions

Trice coll Centre & N Australia

~~Alexandria N. Aust. W. Stålser~~

~~Hermannsburg Centre Aust. H. J. Hiller~~

Quite large no. mid Blatted
general

Quite large Clus N. & esp S.
Apr. esp Nigeria.

~~Have good series 2 sp of
Hemimeris.~~

Have 2 ♀ of 2 sp Bufonacris
no Lyttobolyte & only 1 bad B. magnus
1 poor P. magnus & 1 sp Tschuao (Babog)

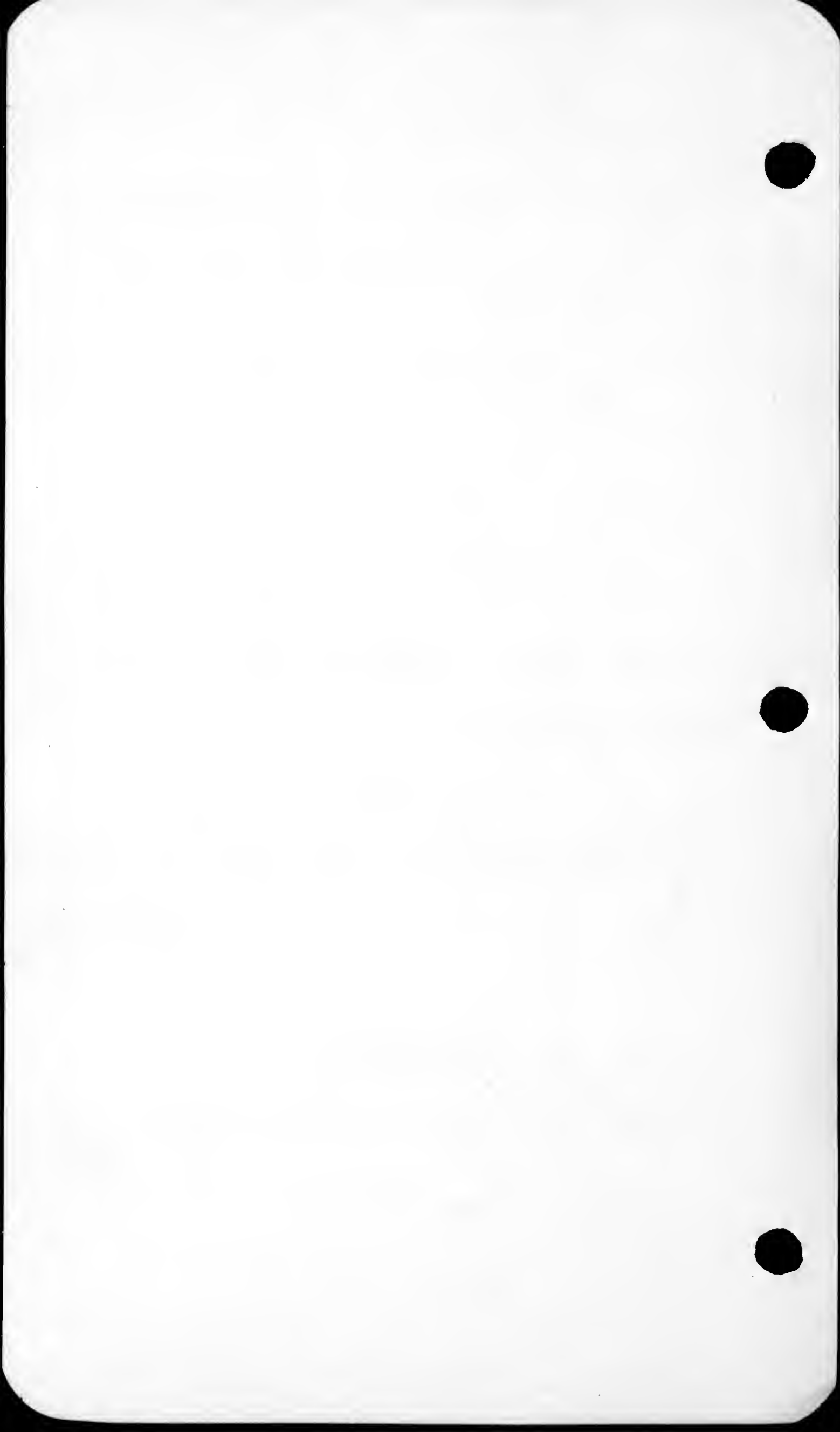
C. J. Gahan

Keeper of Entomology

British Museum (Nat. Hist.)

Cromwell Road.

London. S.W.



Synne modesta

Fernandina, Fla. (W. H. Finner) 1 ♂
 Miami City " VI, 1 ♂ on orange trees
 Enterprise " V, 25 1 ♂
 Raleigh N. C. VIII, 8, 1905 1 ♀

Platytyna californica

Los Angeles Co. Cal (Coquillett) 1 ♀
 San Bernardino " " 2 ♂ 1 ♀
 Sierra Madre " (Cand) V, 10 1 ♂ m

Sundderia septentrionalis

~~Fine Rock, Wis. VII, 27, 1906 (Hood) 1 ♂
 1 ♀ no date~~

S. pistillata

~~H Fetterman Wyo (Thomas as curvica) 1 ♂
 Melrose Highland, Mass VII, 21, 1908 (D H Clemens) 1 ♀
 Weckapaug R. I. 1 ♀
 Doxman, Mont. Wilcox 1 ♂
 Cranmoor Wis. ^{4.16. 1x.16.10} VIII. 8. 1909 (C W Hooker) 6 ♂ 7 ♀
 Fine Rock Wis VIII. 9. 1906 (Hood) 1 ♂~~

S. curvicauda

~~Northfield Mass (Mrs D. Pierison) 1 ♀
 Cranmoor Wis VII, 6. 1909 (C W Hooker) 1 ♀
 Melrose Highland VII, 15, 1908 (D H Clemens) 1 ♀
 Blumensly Va VIII, 12 (Candell) 2 ♂ 2 ♀~~

S. teneris

Victoria Tex VI (Cand) IX (W E Huick) 1 ♂ 2 ♀
 Mt Scott " VII. 1910 (July) 1 ♀
 No Saregus Mass IX. 12. 1906 (C C Dowdley) 1 ♂
 Melrose Highland Mass VII. 15. 1908 (D H Clemens) 1 ♂ m
 Seabrook N. H. (H. A. Eaton) 1 ♂
 Lake Maxnucke Ind (Evermann) 1 ♂
 Clarkville, Tenn X. 4. 10 (S E Cumb) 1 ♂ on Tobacco
 Thompsons Hills Pa X. 1909 (H A Allard) 1 ♂

S. tenerensis

newberry Fla XI. 19. 1911 (Davis) 1 ♀

Fluorimetry Id Med VIII 27. 1909 (Caed) 18 m

Wash. D.C. 4-7-1962

Pemberton D. J. 18.6.1913 (H B Scammell) 1872

S. furcata

West Woodstock Cove (Type fasciata) 1 ♀

Sulphur Sp. Bedford Co Pa - 10th June
marketing as above.

Independence, Mo. VIII-X, 1802 (a Burckfield) 10^x 29₊

Baton Rouge La XII.12.1899 ad ♀

Calvert Sex (N H Harris) 10♂

Paris " VIII: 21. 1904 (JC Bishop) 10⁷
Columbus " 10⁷

Columbus " 107

San Diego " V. 27 (E A Schwarz) 10♂ 1♀
Dallas "

Dallas 107

Myak. n. y. (Zakuskie) 1 ♀

Seabrook N. H.

Wyandotte Ind. VIII. 1905 (Card) 18

Detroit Mich 18, 1871.

Crannmoor, 2015 18.18.1909 (C.W. Hooker) 18.

Будон Н.С. (На Дуга) 12

Raleigh " IX. 23. 1905 (Brinley) 2 ♂, 1 ♀
Highlands " IX. 12. 1905 (Brinley) 2 ♂, 1 ♀

Highlands "IX. 1906 (Sheridan) 1 ♂

Gramm. W. 18. 21. 1909 (C. W. Hooker) 1 ♂

Plummers Id Rd (Card) VIII-29 1912
A K Fisher

Cabin John Rice Md. 1X. 2.07 (F. Knab) 1X 2.79
Washington D.C. 1X. 1.07 11 1906

Washington D.C. IX-10

(W. L. Meade) ix. 6. 1878. 20717.

Pinpoint River Va. 12.6. 1908 (F. Russell) 1 ♀

Beaks of Altit (Zoni Palmer) 1 ♀

Thompson's Mills Ga X. 1909 (Allard) 10729
Clarksville Tenn 18. 19. 1910 +3

Clarksville June 18, 1910 on tobacco

Salvia alba. IX. 11 1♂ eating cotton. P. +

Mentor Park Cal I-1905 (S. Herring) 18

Fuller Wash (CV Piper 120)

Sundskog Cal VI. 21. 1898 (GR Horton) 110 on orange C
4. 1910 " " 127 " "

Marble Valley Cal VIII. 25. 1911 (E. E. Rumberton) 20" 1 on orange
VII. 22. 1970 (E. E. Rumberton) 20" 1 on orange
VII. 15. 1885 (Eldorado Co) more! Erines 17

S. fuscifera

Cordoba Mex II. 6. 05 (F. Knab) 2 ♀

Cacao Ince Aguas Alta. V. Paz, Guat
(Schwarz & Barber) 124 1 ♂

Rio Antonio Oax, Mex (Knab) VI. 25. 05 1 ♀

S. paronae

Coleto C. (H. H. Rousseau) 1910 1 ♀ 1 ♂ 1 ♂ 1 ♂
Zacapa Guat I. 22. 1905 (C. C. Deane) 1 ♀

S. mexicana

D. F. Mex (J. R. Kuda) 1 ♂ 1 ♀

Awaca Mex (C. C. Deane) 1 ♂

159. VII

Suddiria curvicauda

Dallas Tex (Roll) 1 ♂ 1 ♀ app. same

2 dark Cyrtoripha like crickets
from C. A. in Hebard Coll =
Synpaloriphus magnificus Kuhn?

C. Evilescens

J. b. Venter fr dorsal
margin of eye to apex

L. 0

Raleigh N.C. 1♀ 38.4

6.3

44.3

Wash D.C. 1♀ 40.8

6.1

44.9

H. malivolans

Wilmington N.C. 1♀ L. b 35.8; L. p. 8.8; L. f 20.6;

L. o. 35.7; L. c. f. 23.4; L. v. as above 3.3; L. w. tooth tip 2.3

H. malivolans

Wilmington NC VIII.1 (Engelhardt) 1♀

	measured V.1	by J.1	to J.0
<i>Staphylinus</i> 18.5.1876	7.	35.8	22.7
<i>Phloeosinus</i> 8d head 18.29.07	5.3	25.7	17.8
<i>Lept. m. c. l. c.</i> 1♀	6.6	6.4	30.6 - 36.8
<i>Calla l. m. c.</i> 12 (18.4.06)	6.6	6.4	22. - 22.7
<i>Janet</i> 39. (187)	6.6	6.4	31.9 - 33.2
<i>Wood</i> 20. 18.15	6.9	7.1	32. - 36.4
4 8♀	18.11.24	18.11.24	22.8 - 24.4
18.11.06 (aud)	18.20.1910, 418	18.20.1910, 418	33.3 - 36.
18.20.1905			
<i>Myrmica</i> 71. 71. (Mend) 18.20.1910, 418			
<i>Staphylinus</i> 2d head 18.2 (aud) (200), 18.11.17.04,			
<i>Phloeosinus</i> 20. 20.04 (aud) 187, 18.11.29.104			
<i>Janet</i> 2d (20.5.187) 24.00			
<i>Staphylinus</i> 18. 18.9.1906 (J. Head) 107			
<i>Phloeosinus</i> 2d 18. 18.1909 (H. a. head) 207			
<i>Amelotini</i> 38 20 18.6.1912 (aud) 118			

P. uncinata

~~Shannon's Mills Va IX. 1904 (Allard) 1♀~~

Paris Tex IV. 10. 1904 (H. Beslopp) 1♀

Goliad " (J. D. Mitchell) in cotton cog 1♀

C. perspicillatus

Plummers Id Md VII. 16. 1905 (Schwarz) 1♀

VII. ²⁴ 25. 1907 (A. N. Fisher) 1♀ 1♂

IX. 27. 1907 (W. J. McAtee) 1♀

X. 1. 1905 (Barber) 1♀

Fall 1910 " 1♀

VII. 18. 1915 (Barman) 2♀ 1♂

Maple Creek S. D. X. 1. 1910 (W. J. Davis) 1♀

(IX. 13. 1908 (D. H. Clemons) 2♂
Barber)

Sparta N. J. (Davis) 1♀

Sakschurst " " IX. 14. 1907

La Grange Ill VIII. 15. 1906 (H. B. Mitchell) 1♂

~~Shannon's Mills Va (Allard) 1♂~~

Washington DC IX. 15. 1909 (H. E. Cushman) 1♂

C. elongatus

Puig Branch DC VIII. 15. 1905 (D. H. Clemons) 1♂

Wark DC 1♀

Munson Hill Va XI. 11. 1886 in turkey stomach

Bedford Co Pa VIII. 8. 1900 1♀

Pittsburg Co Ind VIII. 18. 1895 W. S. B. Lytle ♀

Fontaine " " VIII. 12. 1904 " " ♂

C. intermedia

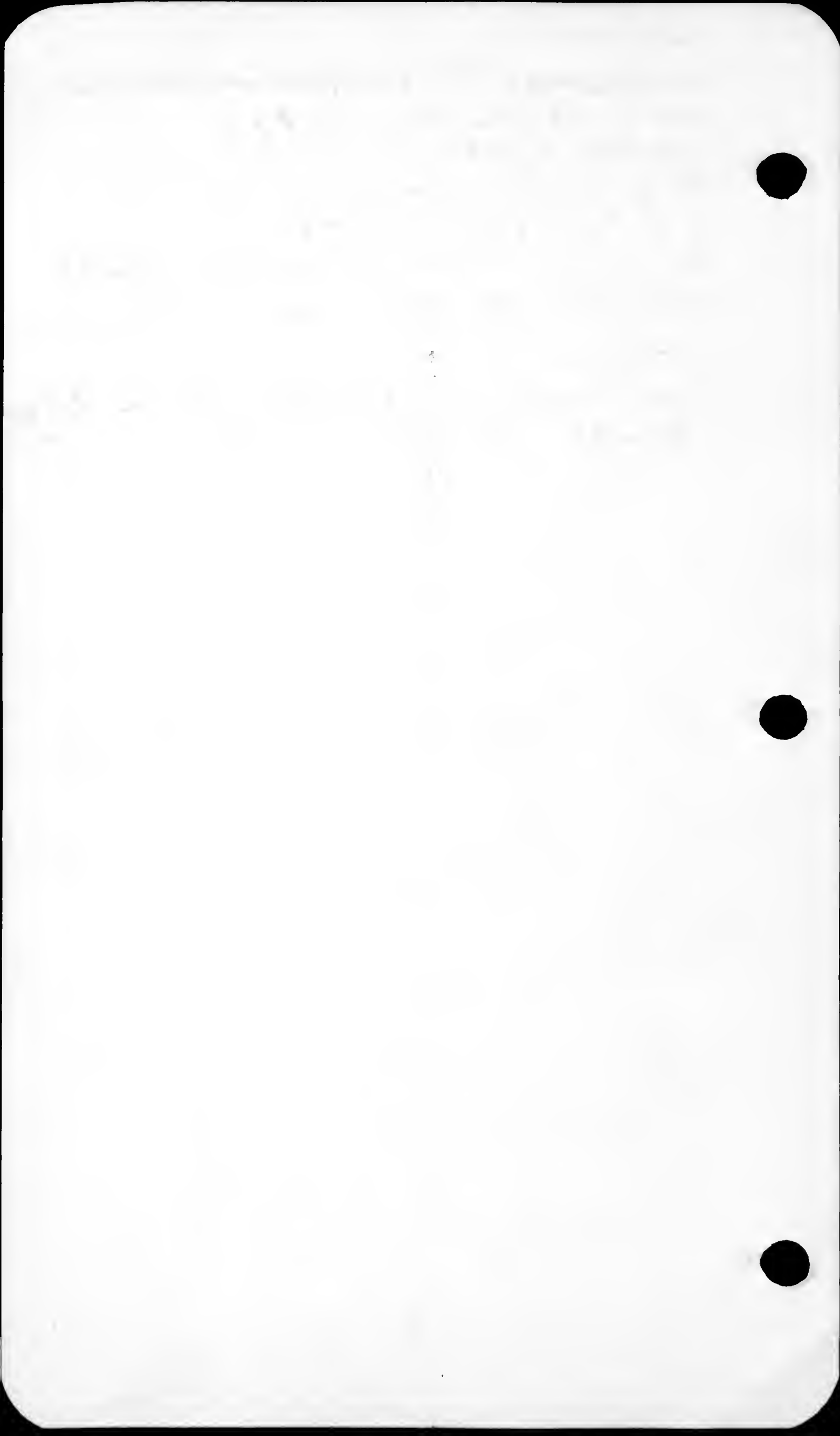
Willsboro Tex VII. 18. 1903 1♀

J. martinica

Weekapaug VIII. 4³, 1904 (H & Dyar) 9♂ 6♀ 9♂m 11♀m
New Haven Conn (S D Smith) 1 ♀
Bayville N. Y. VIII, 1910 (N. Baer) 1 ♀
~~Pissey Point Md VII. 4, 1879 2 ♀~~
~~Old Point Va VII, 30, 1896~~
~~Ocean View n VIII 9, 10, 1904 (Allard) 6♂ 1 ♀~~
~~Plum Point Md VIII. 25. 1912, X. 15. 1912 (Am. Palmer) 1♂ 6 ♀~~

J. citreus

~~St Vincent Id Fla XI. 1. 1910 (W. F. McAllister) 3♂ 2 ♀~~
~~Thompson's Mills Ga (Allard) 2 ♀~~



P. brunnus

Cameron Tex VI. 10. 05, 1♀

New Orleans " 1882 1♀

VI. 8. 1883 (Sheffield)

2♀

XI. 14 1♀

Harvester Tex XI. 30. 1902, (S.W. Thuron) 1♀

Victoria " VII. 23. (C.W. Merrill) 1♀

Baton Rouge La VI. 28. 1908 (A.H. Rosenfeld) 1♂

Calvert Tex (B.H. Harris) 1♀

~~Terre Haute Ind (W.H. Linn) 1♀~~

P. cincta

Sta Maria Tex, V. 29, 1895 1♀

B. orientalis

~~Washington D.C. (Card) 1♀ 1♂~~

~~Prescott Ariz VII. 9 (R.E. Kneize) 1♀ 2♂~~

~~Denver Colo VI. 15. 1901 (Card) 1♂~~

~~Redlands Cal I. 20. 1899, 2♂~~

~~Nogales Ariz VI. 20. 1903 (Aslar) 1♂~~

~~Los Angeles Cal (Eschmelt) 1♂~~

~~Deaton Tex V. 28. 1906, (F.C. Bishopp) 1♂~~

St. rhombifolia

Nogales Ariz VI. 14. 1903 (Aslar) 1♀

~~Nyctib. holosericea (same as ours)~~

~~Quana Lynchburg Va VIII. 22. 1891 (W.A. Strother) 1♀~~

~~Dalton Mass I. 2. 1894 (E.A. Heller) 1m~~

~~Longmont Colo. Sponger fruit store m~~

~~Los Angeles Ca. V. 25. 03 (1m~~

~~Idaho Falls Idaho Canadas m~~

~~Chicago Ill (Burton) m~~

~~Nyctibora laevigata~~

~~Mass 1♀~~

P. swinnaensis

Jacruier Key Largo Fla XII.12 (F Kuab) 1♀

~~Brownsville Tex (Barber) 1+1♂~~

Haussee Fla III, 1♀

~~New Smyrna Fla XI, 1905 bred (Good) 1♀~~
(III.05)

Little River Fla II.28³⁰, 1892 (F Kuab) 2m

Sugar Loaf Key " III 1898 (OF Cook) 1m

Goliad Tex (J. C. Mitchell) 1m

B. cubensis

~~N. Y. (m small) 1♂~~

Lachryans

~~Beeville Tex XI.24 (E. G. Silvers) 2♂~~

Romalea microptera

~~Social Circle Ga X. 18. 1907 (J. F. Lewis) 1 ♂ ^{abs} melan.
Towers Fla (A. W. Merrill) 1 ♂
Fryson Ga (A. W. Merrill) 1 ♀ ^{abs} melan. ^{abs} null.
VII. 7. 1903~~

~~Millersville Ala VII. 16. 1900 (Pollard)
1 ♀ ^{abs} null.~~

~~Metbourne Fla (A. C. Sirdesfield) 1 ♀~~

I. marginicollis

~~Enterprise Fla VI. 24. 1905 2 ♂~~

~~Alexandria Va V. 27 (J. S. Miller) 2 ♀ 1 ♂~~

~~Lake Ellis N. C. V. 16. 1906 1 ♀~~

~~Wichita Ks I. 1. 1905 (July) 1 ♀~~

~~Baldwin Fla III. 7. 1879 (Schwarz) 1 ♂~~

~~Piney Pt Md VIII. 9. 1913 (McIntire) 1 ♂~~

I. vitripennis

I. 3. 1883 1 ♂

~~New Orleans La VI. 20. 1883 (Shufeldt) 1 ♀~~

~~Enterprise Fla V. 13. 1880 1 ♀ 1 ♂~~

~~Lake Ellis N. C. V. 14. 1906 1 ♀ 1 ♂~~

~~Rockledge Fla 1 ♂ II. 5. 1880~~

I. occidentalis

~~Lake Ellis N. C. V. 14. 1906 1 ♂~~

C. brevifurmis

6

Fayetteville N.C. VIII. 30. 1903 (m)	7	2♂ 3♀ 2♀ m
Chattanooga Tenn	24	4♂ 5♀
Roanoke N.C.	31	3♂ 2♀
Johnson City Tenn	27	1♂ 1♀
Savannah Ga	14	1♂
Va Beach Va	18.7	1♂ 2♀
Flomaton Ala VIII. 2	1♂	
Appomattox Va 18.6	2♂ 3♀	
Saluda N.C. VIII. 17	2♂	
Low Rd "	20	1♂ 3♀ m
Myrtleville "	18.4	1♀
Roanoke Sta Tenn 18.3	3♀	
Norfolk Va	8	2♀ 1♀ m
Cape Henry Va	7	1♀
Chattanooga N.C. VIII. 7. 1904	9♂ 4♀ 2♀	
Providence "	24	4♂ 3♂

C. aequalis

~~Types Del VIII, 12-13, 1903 (m) 3♂ 6♀~~

A. aurum

Sumner St VIII. 1-1803	60	♂	♀
✓ Sumner St	14	50	♂
✓ Sumner St	10	50	6♀
✓ Sumner St	11	20	2♀
Sumner St	12	30	1♀
✓ Tallahassee Fla 8		70	2♀ 10♂ 3♀
Blue Ridge Dec 25		1♀	
✓ Meriamea Fla VIII. 7		20	1♀ 2♀
✓ Meriamea	5	40	1♀ 10♂ 1♀
Lookout Mtn Tenn 23		10	♂
✓ Flomaton Ala 1		20	♂

~~*Manomera temescens*~~

lital

~~Savanna K.C. VII. 7. 03 (m) 1 ♂ 1 ♀~~

~~Da. Funiakops Fla VIII. 5. 1903 " 1 ♂ 1 ♀~~

~~Dunbar K.C. VIII. 15. 1903 " 1 ♀~~

M. saussurei

~~Sand Entu, Da VII. 8. 05 (m) 2 ♀ 1 ♂~~

~~Trenlon " 10 3 ♀ 1 ♂ m~~

~~Lybee Id " VIII 13 03 1 ♂ 1 ♀~~

~~Merrima Fla 7 2 ♂ 4 ♀~~

~~Raleigh N.C. VII 8 03 1 ♂~~

~~In ♂ from Merrima Fla have
occiput entirely black others
in the series appear this but the
lines on~~

~~*P. biguttatus*~~

~~Savanna K.C. VIII. 14. 03 (m) 1 ♂~~

~~*P. pulchellus*~~

~~Savanna K.C. " " 8 ♂ 14 ♀~~

F. nebarde

~~Cape Henry Va VII. 2. 03 (m) 1 ♀~~

~~Raleigh N.C. 8 2 ♂ 8 ♀~~

A. pubicaria

~~Raleigh " 1 ♂ 1 ♀~~

Drylot borealis

Marietta Ga VII. 27. 1903 (m) 1 ♀

Elip. minuta

Balsam N.C. VII. 23. 1903 (m) 2 ad

Spartanburg Sc. VIII. 10 1 ad 2 m

Waycross Ga II 1 ad.

Jasper Ga VII. 25 1 ad

Hap. agnator quadratus

~~Savannah Ga. VIII. 14. 03 (m) 6 ♂ 5 ♀ 2 m~~

Tallahassee Fla 8 10 m.

~~Marysville Va IX. 8 10 ♂ 7 ♀~~

C. punctulatus

Sc.

U.S.N.M.
Delashmount Creek, W. Va.
VII. 21, 1900, 1 adult -
Corbin Ky, VIII. 24, 1 juv.

- So Robling Ky VII, 19 (Darnass) 1 m
near Muesoth Cave Ky X. 2 (Putnam) 1 m
Bely Asciola & Drumsburg Ky VIII. 17 (Darnass) 2 m m
Cumberland Mtn. Va VIII. 1879 (H. D. Hubbard) 1 ad
(TYPE) Drapers Valley " 1 nearly ad. m
Cumberland Gap Ky (H. D. Dimmock) 1 ad
Corbrough W. Va. (Edwards) 1874 1 ad
Glendale Ore IX. 9. 1897 (m) 1 ♂ 2 nearly ad m
Divide " 12 " 3 ad.

Phyllosc Pulch.

Sauferd Fla. (B. B. Frazer) 1 ♂

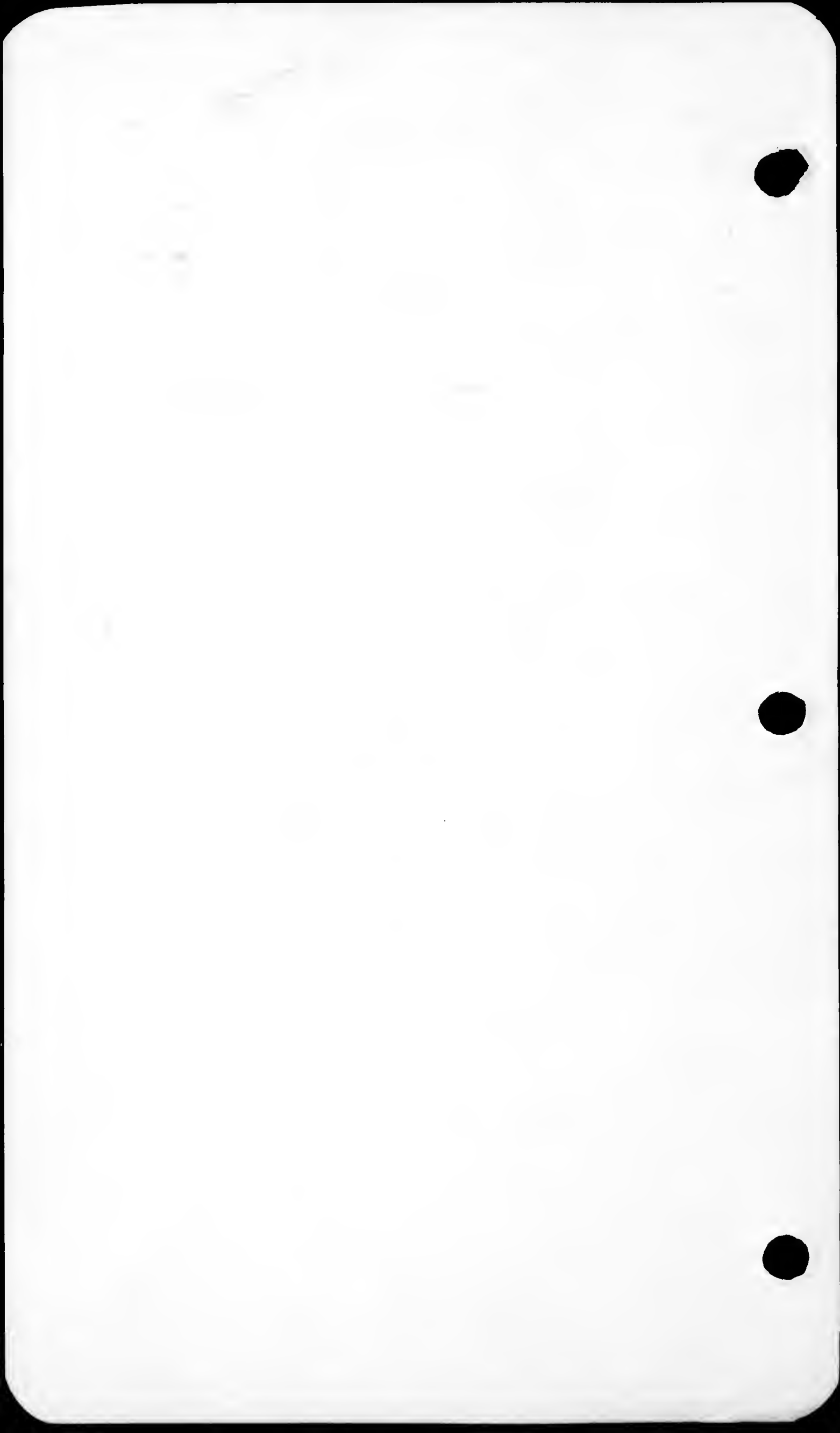
Type - 1 ♂ [Baltimore] Md. (P. R. Uhler) VIII. 17

Type Trachydes uncinatus 1 ♂
[Baltimore] Md (P. R. Uhler).

Type agulator 1 ♀
[Baltimore Md] IX. 21 [P. R. Uhler]

migr. aeneus 2 ♂ Types
Select as single Type The smaller
spec Lb 11.9, Lt 5.6 Lgn 1.9 Lcy 7.5

48



Sc. Single Types

C. brevicauda ♀ Massachusetts

l.b 13.2 ; l.t. 9. ; l.c.f 11. ;

l.o. 9.4

C. muralis ♂ Dallas Co Ia (G. Allen?)

l.b 10.3 ; l.t 8. ; l.c.f 12.2

do

1 ♂ 2 ♀

C. strictus ♀ Dallas Texas VII.18. (Boll)

l.b 16.6 ; l.t 4.2 ; l.c.f 16.4 ; l.o 24.7

C. ensiferus ♀ Lawrence Ridge, Ill (only spec

of brevif from that loc, other ♀ strictus)

l.b 13.3 ; l.t 8.1 ; l.c.f 13.1

l.o 13.7

C. saltans 1 ♀ Platte [Puer. Mbr] Hayden?

l.b 12.8 ; l.t 2.7 ; l.c. missing

l.o 13.7

C. grossipii 1 ♀ Texas (B. Prager) fine spec

l.b 14.1 ; l.t 8.4 ; l.c.f 16.8

l.o 13.1

spec requested

1 ♀ deposited as eggs in cotton bolls

l.b 17.1

l.t 6.9

l.c.f 14.9 ; l.o 12.3

Sc. Single types

N. crepitans Texas (A. Agassiz) ♀

l. v. eye ^{prot} to tip 3.3 ± 2.4
 l. juv 9.2 l. t 58.4 l. c 33.8 to 34.4
 (1 parat ♀ subr A. Agassiz)

N. robustus Cape Cod, Mass (Sc) ♂

l. v. eye ^{prot} to tip 2.8 l. t 1.9
 l. juv ^{8.3} 43.3 l. c 24.3
 40.7 23.

N. retusus Ga 1 ♀

" 2.1

+ to t 1.2

l. juv 6.9 l. teg 37.7 l. c 28.1
 l. o 31.3

N. rubes ♀ Cuba " 2.2 t 1.8 ^{Parat #1185}

l. juv 9.4 l. teg 56.8 l. c 28.2 to 29.3

This is prob a synonym of one of the large antillarum forms. The insect is very like troops but larger w ovis wider and lat mgs of juv exp almost evenly & weakly curved. The spines of the out mgs of the c. f are very heavy - The stria is transverse & heavy. The opaque area blackish no

A. aptera ^{SL}

~~St. Marys Ga III-IV. 1896 (Q Bangs) 1♀~~

Anisone ferruginea

~~Catullus Ga (Daniells) 1♂ 1♀?~~

~~Aiken S.C. 1♂?~~

See other
page

~~Cumberland Gap Ky 2♂~~

~~Port Hudson, Miss., Leavitt 1♂ 2♀~~

Edmonson Co Ky, VII, 1♂

Dallas Tex VIII. 9, (Boll) 1♂

Megaph denticulata

Port Hudson miss Leavitt 1♂.

Remia victoriae

~~Montelozz Oak Tex 1♀ (1091221)~~

Eagle Pass Tex (P1090) 1♀

R. spuria

(P1012) 1♂ 1♀ Eagle Pass, Tex.

Anax pulchra

Ky West Morrison 1♂?

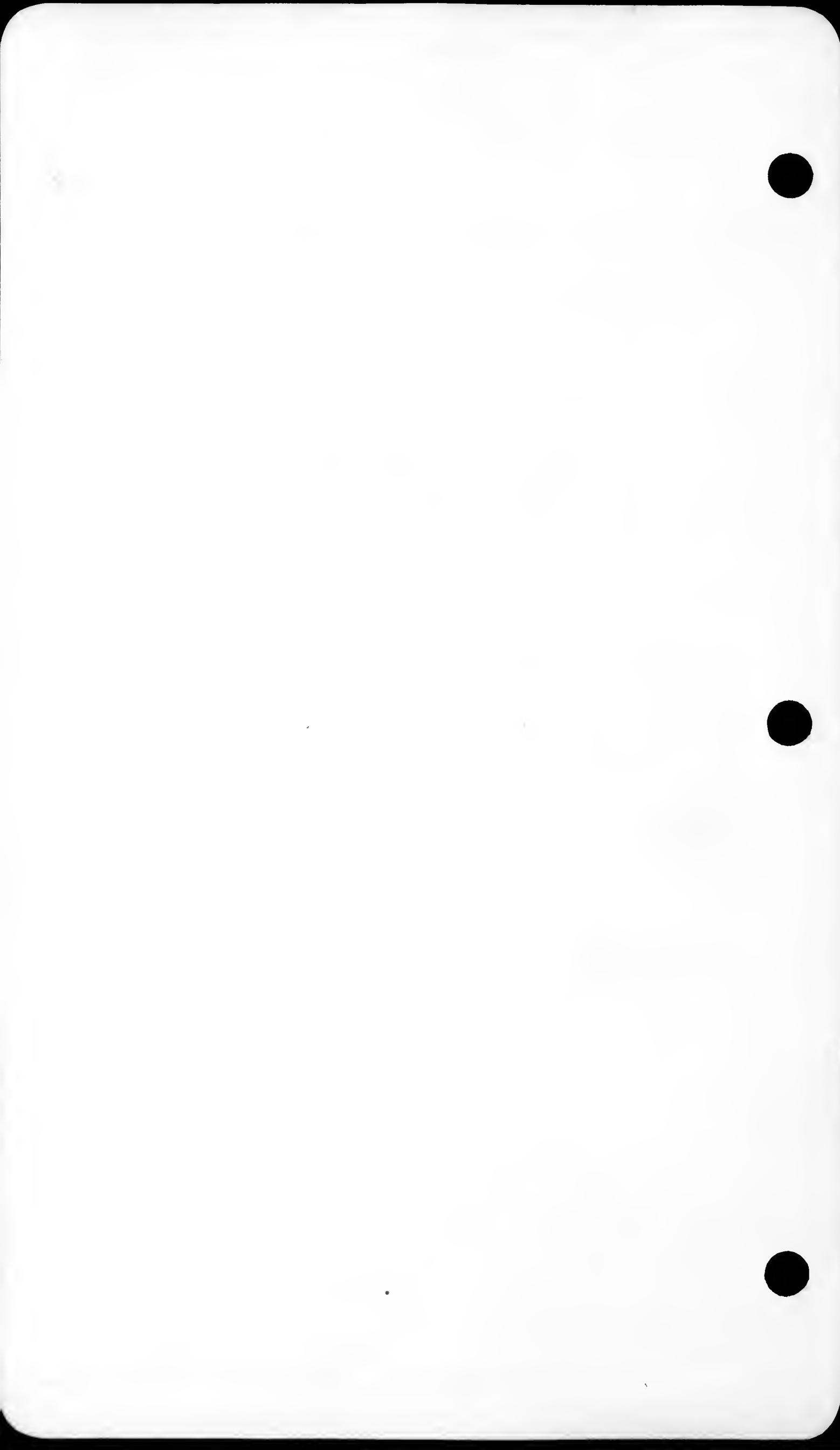
Arcthaia
(Morse).

A. grallator Columbus, Tex.
VI. 25, 1897. 2♂
3♀

A. gracilipes instructa Brunner.
Amarillo, Tex. VIII. 20, 1905. 1♂.
Summit Mt. Sheridan, Wichita
Mts, Uta. VIII. 24, 1905. 1♂.

Idaho, V. D. VIII. 4, 1905. 1 ♀
Clarendon Tex. VIII. 18, 1905. 1♂.
Wichita Falls, Tex. VIII. 15, 1905.

Mtn. Tex, ~~Uta~~ VIII. 22, 1905.
1♂, 1♀.



Africa
Pteromalidae (USNM)

- *Zemmeria melanopeya* Krombein 3♂ 3♀.
- Cranta reticularis* Krombein. Kamerun 1♂ 2♀.
- " *Accraea* " 1♂, 1♀.
- Tetracncha fenestrata* Krombein 1♂
- Gravureuthia saturata* 1♂ 1♀.
Kamerun.
- Phaneroptera nana* Kamerun 2♂ 2♀.
- Dylopsis irregularis* (Baumann's locality) falcata Afr. 1♀.
- Morgesia modulata* 1♂ 1♀.
Kamerun 1♂ 1♀.

Pseudophyllinae.

- *Tympanocampus acclivis* Kamerun. 1♂ 1♀.
- Mustus affelii* Stal. 1♂ 1♀.
Kamerun ♀.
- Adapantopsis ossorici* Kamerun 1♂ 1♀.
- Lichenochrus crassipes* Kamerun
Conocephalinae. 1♂ 1♀.
- Conocephalus mandibularis*
Kamerun + Togo.
- Xiphidium senegalense* 2♂ 2♀.
Togo. 1♂, 1♀.

Gryllacrinae.

- Gryllacris africana* Kamerun 1♂ 1♀.
- *Micropodinae.*
- Onaeddopoda lamellata* Kam. 1♂ 1♀.
- " *erosa* Kam. 1♂ 1♀.

Africa (U.S.M.M.)
Euthypoda kangeroo

Kamerun. 1♂ 1♀.

Heterodinae.

Eugaster spinulosus Muhl. Af.
2♂ 2♀.

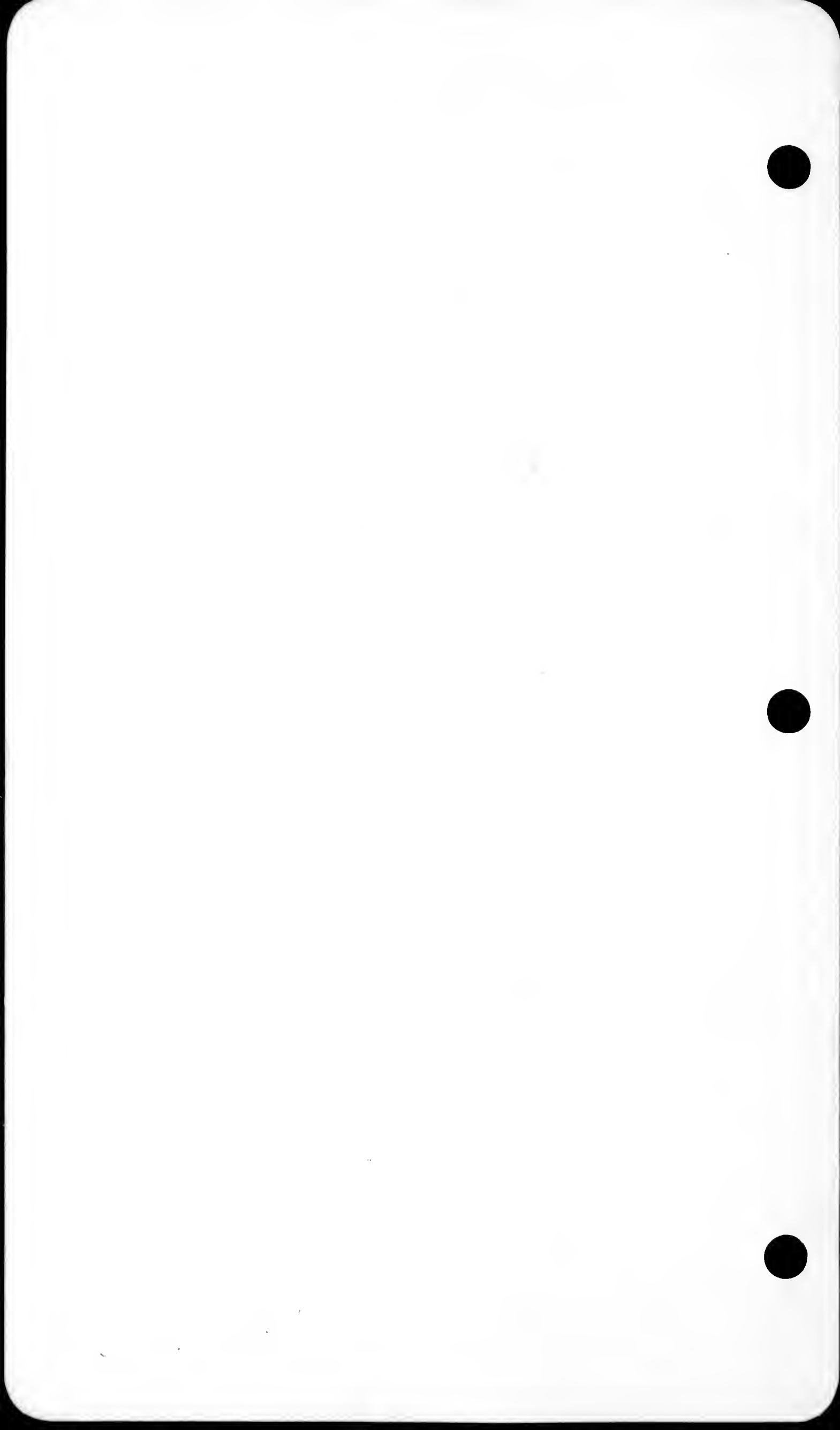
" guyoni Muhl. Af.

Phasgmerinae.
1♂ 1♀.

Locusta varcheriana Morocco 1♂ 1♀.

Liotroscelinae

Hexacentrus inflatus Kamer 1♂ 1♀.



Africa (118444)
Apriididae.
Acrydiinae.

Paratettix scaber Kamm, Congo, etc.

11 spec. of both sexes.
Criotettix nigellus Kamm.
Det. by Karsch + B.H. 3♂ 3♀

Morphopus affinis Kamm 2♂ 2♀

Licustinae.

Legellia nitidula Kamm 2♀

Casantops putidus Nyassaland

" decipiens " 1♂ 1♀.

Metaxymus pendulus Tanganyika 1♂.

Badistia bellula Kamm 1♂ 1♀.

Atractomorpha aberrans Dogo 1♂ 1♀.

Chloronia viridula Tanganyika 1♂ 1♀.

Paracinema tricolor Chinchoso 1♂.

Daphnoria occidentalis Kamm

" thaliphora Kamm 1♂ 1♀.
det. Bot. & Nyassa

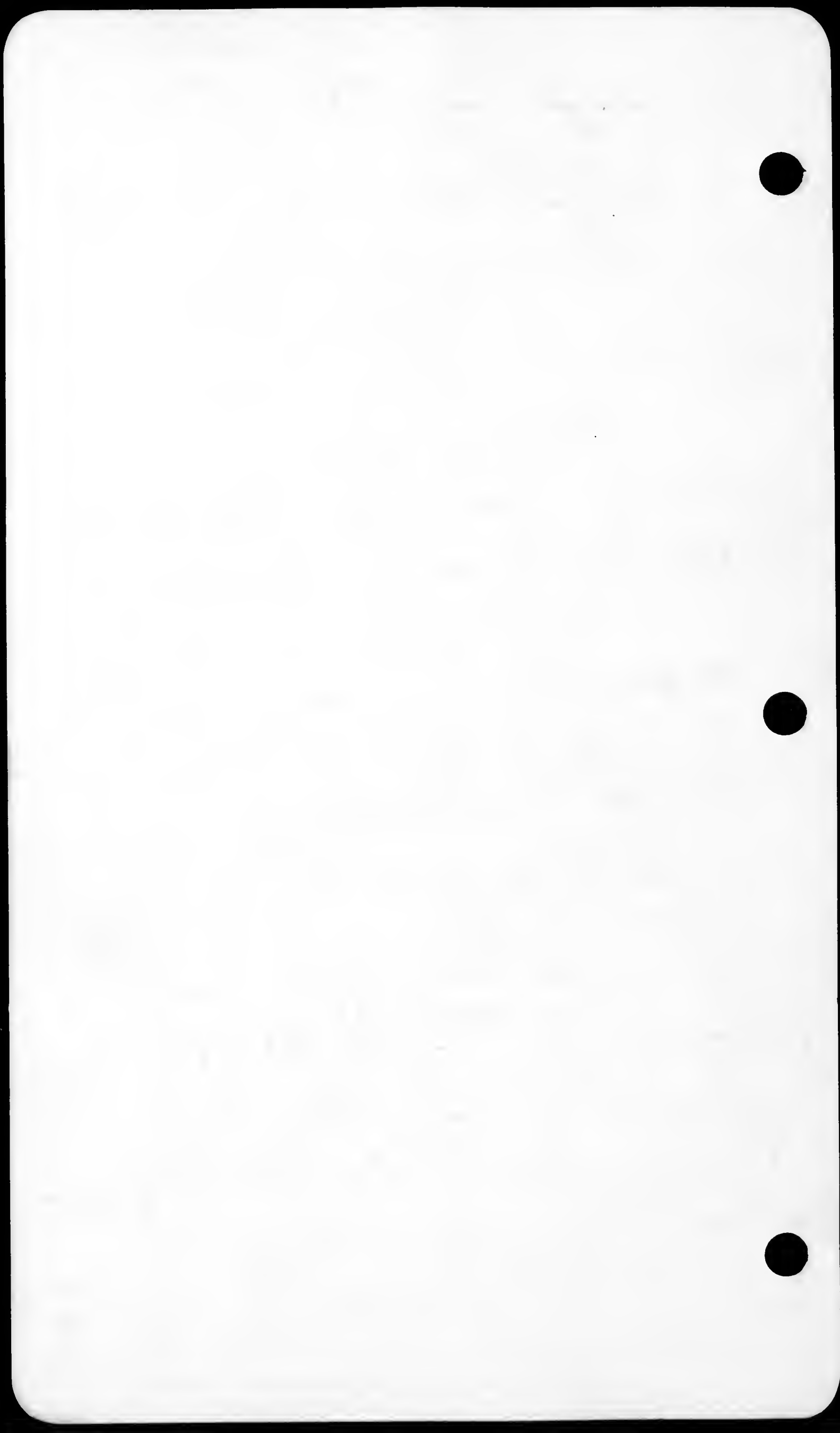
Zonocerus variegatus Dogo 2♂ 2♀.

Chirista varians Dogo 1♂.

Daphnoria rostrata Kamm 1♂ 1♀ det Bot.

Epistaurus crucigerus B.H.

Chloroniella trigipennis 1 Kamm 1♀ det Bot.
2♂ 2♀ Akbes. det Bot.



Africa. (118 Nov.)

Chirista oryzula Met B. d. Kam
2 ♂ 2 ♀

Thysiocetus guineensis
Kam. 1 ♂.

Stenocorylus festivus
Kamerun 2 ♂ 2 ♀

Cyphocercus tristis Kam.
Met B. d.

2 ♂ 2 ♀

Met B. d.

"

Lacta Met B. d. Kam 1 ♀

Catantops annulipes Kam. Met B. d.

Locusta lineata Kam. Met. B. d.
1 ♂ 1 ♀

" ruficornis Kam. & other
1 ♂ 1 ♀

Humbe tennicornis
loc. 3 ♂ 3 ♀

Sch. Myassa 1 ♂ 1 ♀

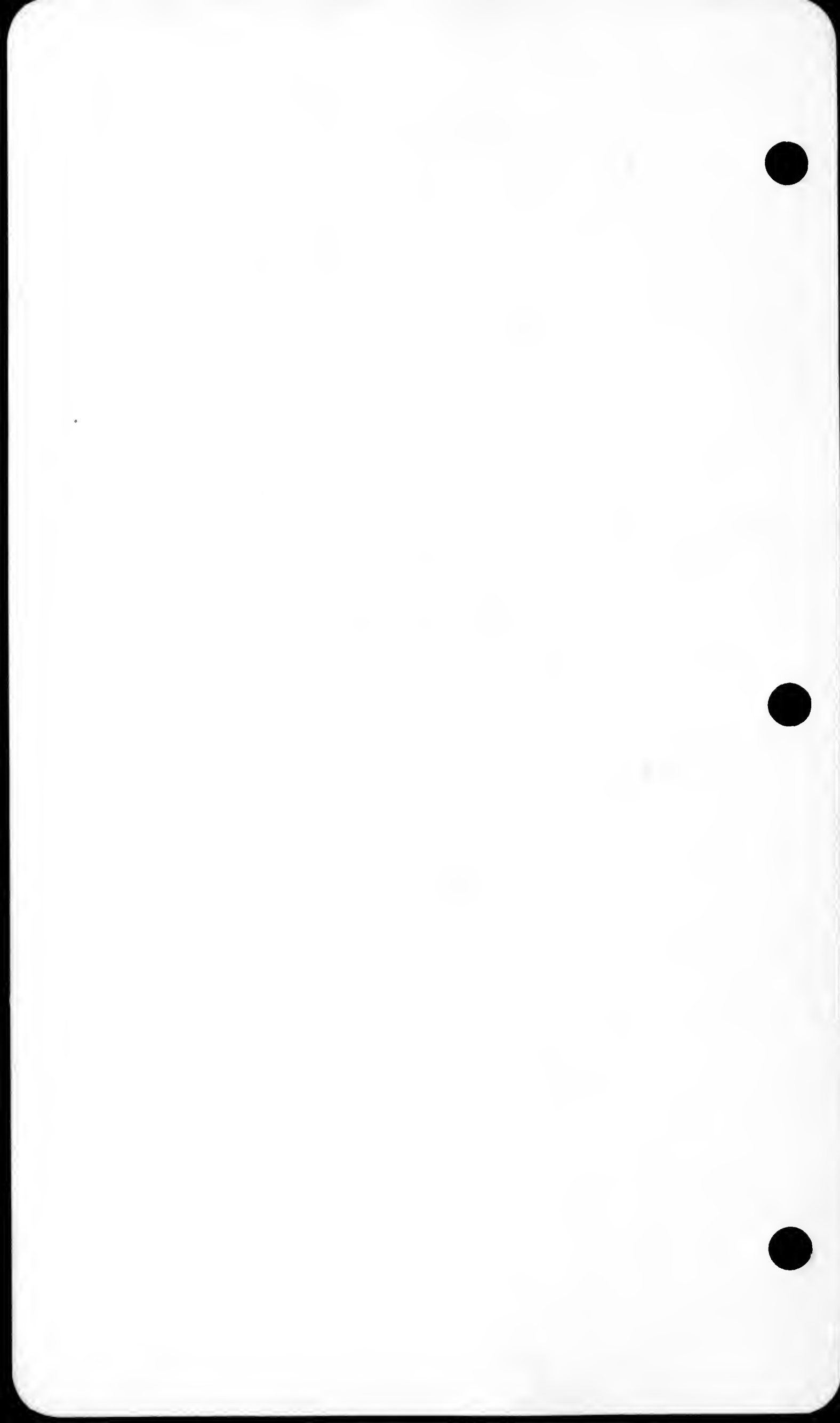
Pachytylus migratorioides

Dogo 1 ♂ 1 ♀

Edaleus marmoratus Myassa.

Pachytylus cinerascens 1 ♂ 1 ♀

Chincho 1 ♂ 1 ♀



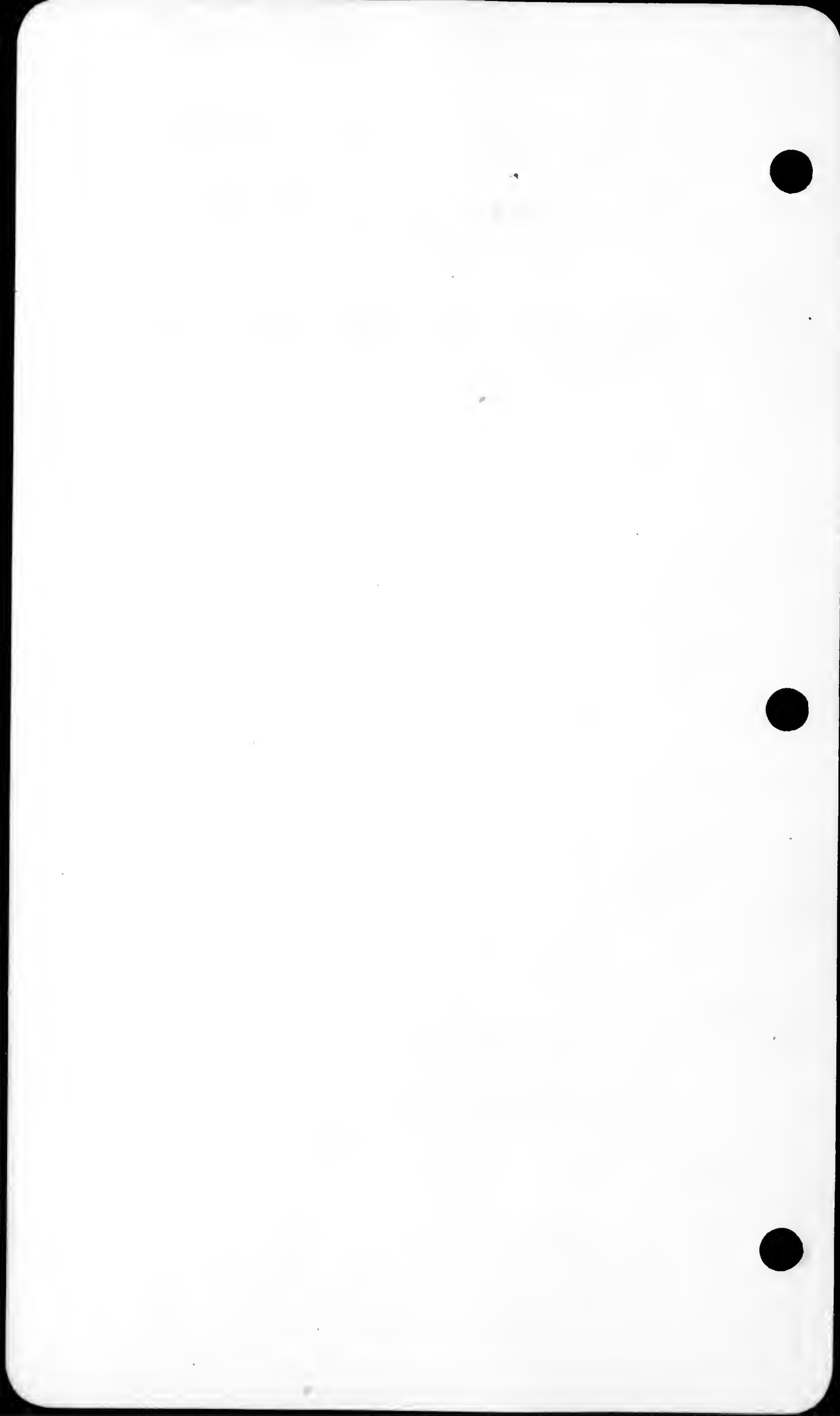
Africa. (118 mm.)

Gyna caffrorum Delafon Bay 18' 19'

" capucina Kam. 18' 19'.

" pomposa Kam 18' 19'.

Gynopeltis picta Mombasa 19'.



Forficulidae
(no 2.)

Labidura videns

~~S. Carolina. (A. Agassiz.) 1 ♂.~~

~~Georgetown, Tex. (E. Palmer) Oct. 12-16. 1 ♀~~

~~Appalachicola, Fla. (Dexter), 1 ♂~~

Cuba. 1 ♂. Labelled: "Forficula

affinis Guer. Voy. de Lasagra (type)

Cuba. ♂ " Cataloged as type no. 1994.

Clearly the same as our species.

Labidura auditer Scudder. Natal.

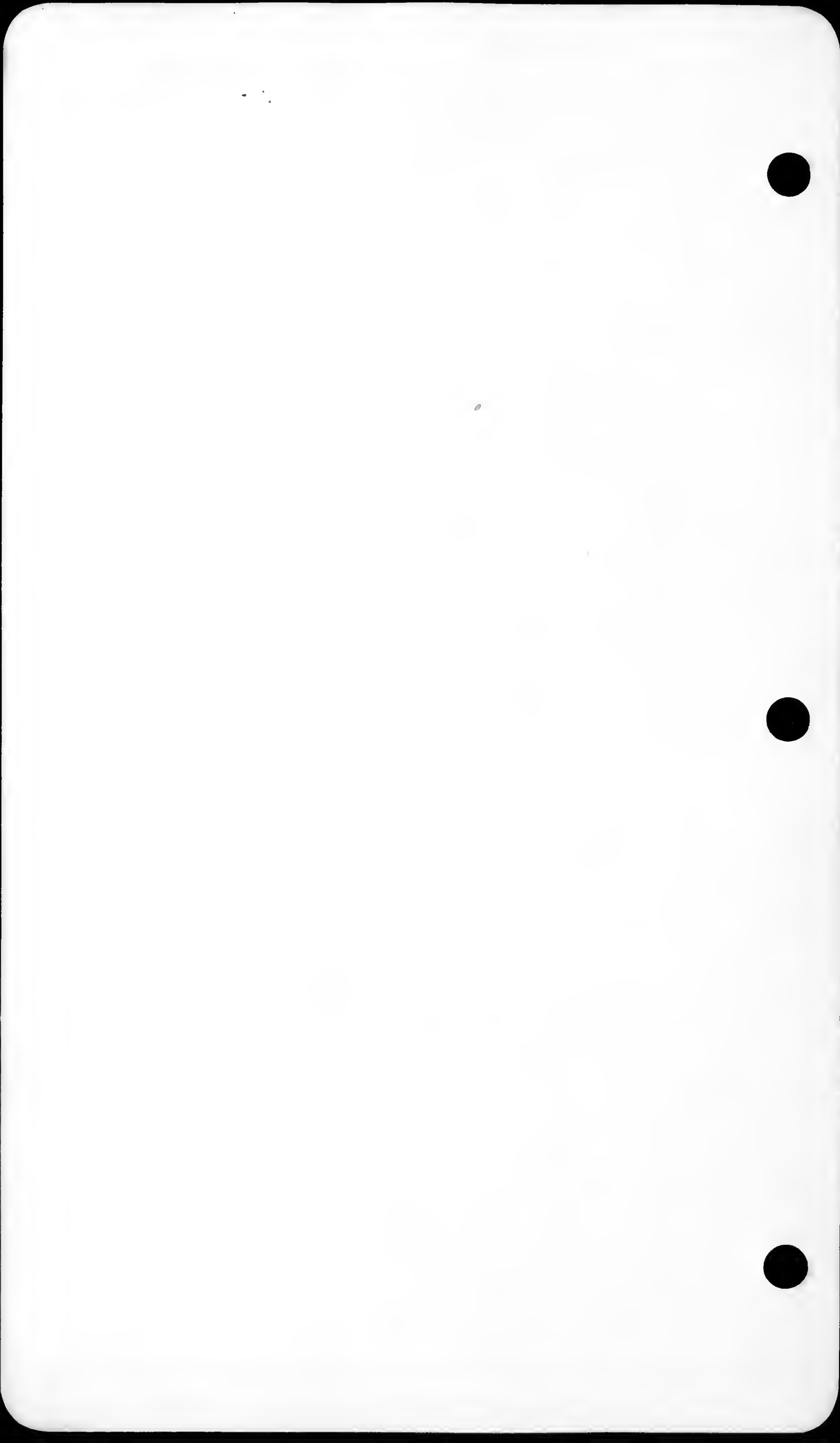
Type ♂ & ♀ no 1993. Male forceps →

Female has apex of abdomen replaced,
~~inserted~~



(Drawings larger
than nature.)





Trifurculidae.

Psalis.

(MCZ)

Psalis americana

One ♀. In three pieces. Labelled: "Trifurcula distincta Guér. Voy. Sagra. (type). ♀ Cuba." This is clearly americana with the large yellowish area on the tegmina. No. 1995

The specimen labelled the same - ♂ is not that genus but is probably something related to schwarzi - there is nothing left but the apex of the abdomen - the forceps look like this.



approx. nat. size - slightly more than that.

The spec. is also numbered same as ♀ + has addit. label saying "Bought of Heyrold."

The ♀ fully agrees with another ♀ from Cuba, this latter of the usual type.

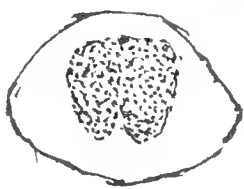


Blattidae. Exotic.
(MCZ.)

Dochnoptera pallipes Scudd.

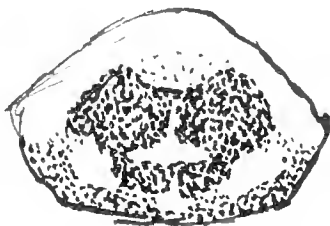
"Type: Phyllodromia pallipes Scudd."
Nap. in Maranon. 1♂. A dark
species.

Panchlora signifera Scudder. "Scudder's
type. 1875. Peruvian Andes. 1♀. A
large striking species with pronotum.



Blabera femorata Scudder. "Type.

Napo in Maranon." 1♂. A
member of the postica - thoracica
group. ♀ Pronotum pattern



A ♀ from Hemirara is labelled
"postica."

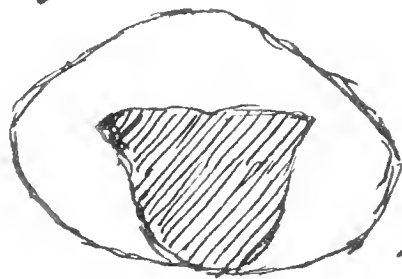
Blaberus

(McL.)

Blabera armigera Sudd.

1♀. "Peruv. Maranon". "Sudders"

Type 1875. B. armigera Sudd.

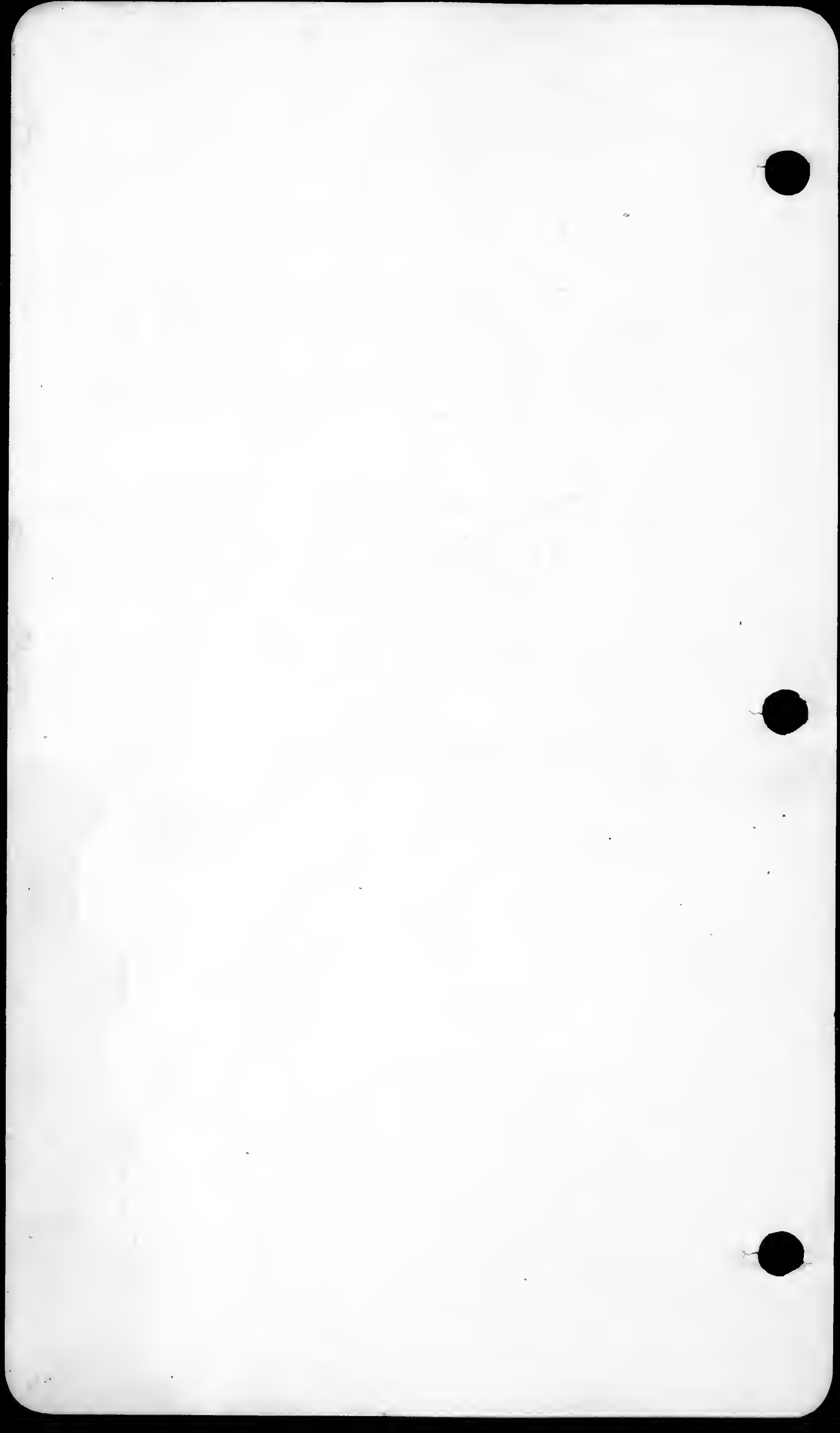


Inside Spread
Elym. almost unicolorous
straw color except for
the ^{broad} proximal in fuscation
of the vic. of the humeral
trunk.

L. of body 56.3, L. of pro. 15.5, fr. w. of
pro. 23.5 L. of ely. 61 fr. w. of ely. 21.

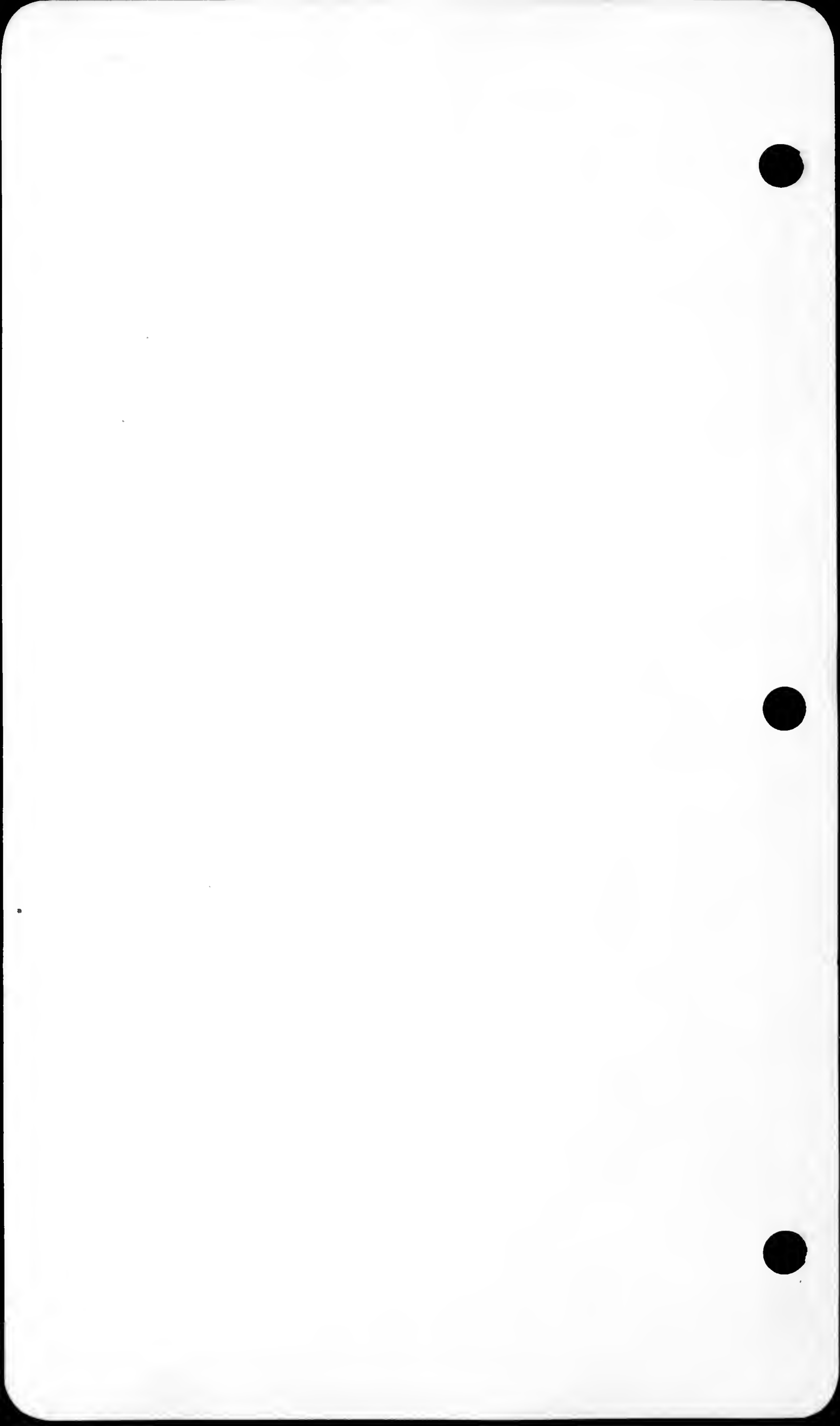
1♀. with same data except "Manao" is the loc.

Identical but not spread. Measurements very similar.



Two graders testing on
 in topic of the Web Clu.
 by the measuring
 measured traces of
 measuring of water
 the measuring of water
 the measuring of water
 aspects.

X. mountain & mount
 Type. mean would
 I am marked. Legu
 mountains quite
 similar but you
 would. ~~from~~ there
 to the left. In west
 on the ground of water
 36.5 Apr 8.1
 7.1 32.5
 16.9 7.2 5.2
 a change in the water



as Trine. pacifica, 1 pallid
pallidipennis ^{had} with
decided wing band.

Trine agrestis 10⁷ Tynndyl
Utah July 31, 1918 N. E. King

Ph. obsus Siskyou Co
Merito Canid sp.

Sch. zapotēca - S. & L. rec
from N. A. M. = "Vaga Canid"

Sch. cannicata

Bruce Biol N. A.

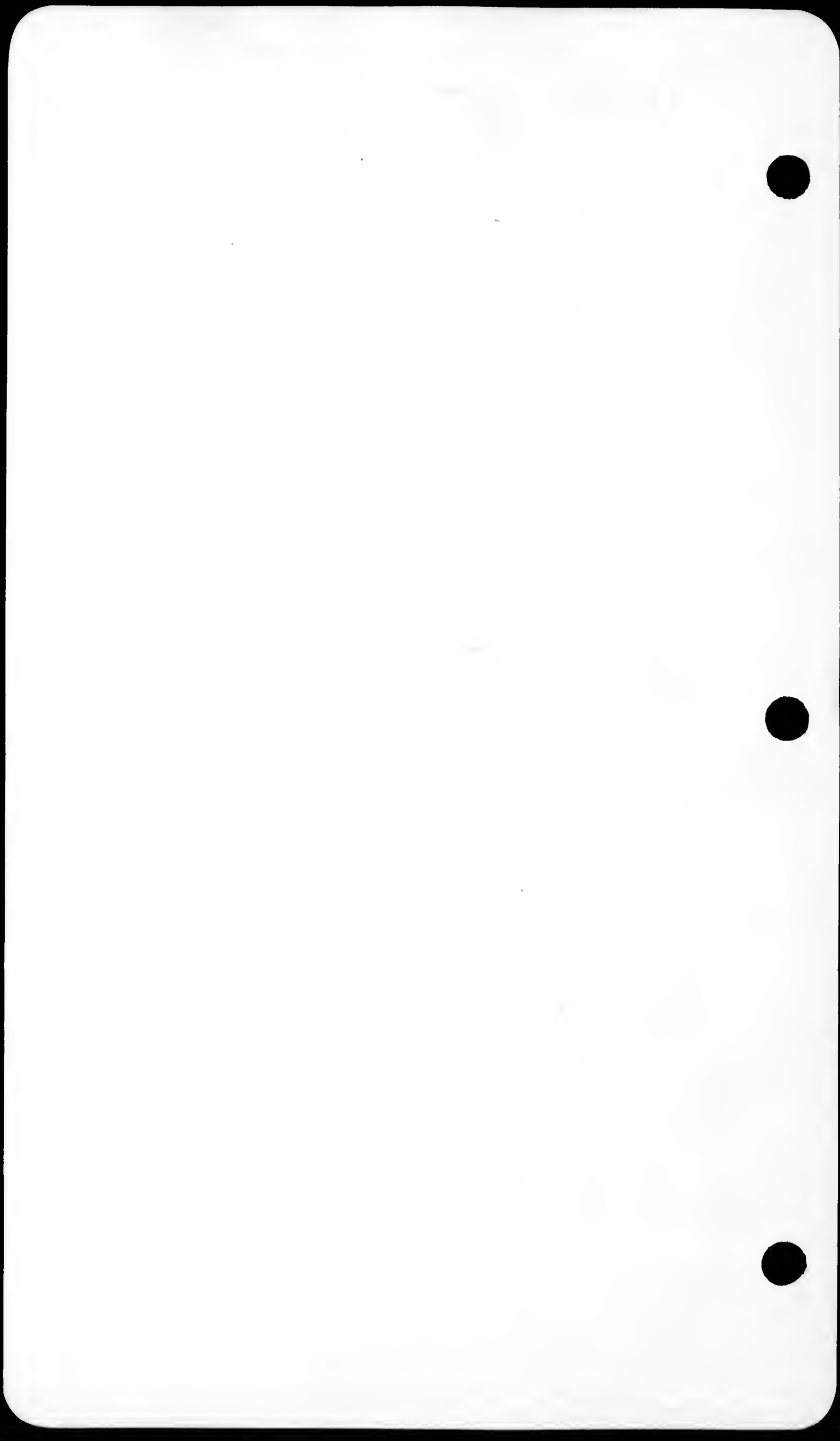
Kidby Cal.

Woodlee Cal.

Canid in Esig Cal.

Canid 1905 Ariz.

Cremophus Jonesi Field
B.C. 18. Mt. Rainier B.C.



The long acorn acorn acorn
 of 3rd 4th is after destroy
 and distinctly, curved
 proforma. Fasting width
 = to length & shallowly
 concave on lateral
 portions with decided
 mid longitudinal annula
 becoming obsolete apically
 cephalic margin of eyes
 are 1/2 in parallel
 mid very decided
 & obsolete in mid
 back. Longitudinal annula
 decided in mid and
 cephalic & prozona
 broadest in mid & narrowest
 thoracic region
 suggestion of any
 prozona



2 3

1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th
 11th 12th 13th 14th 15th 16th 17th 18th 19th 20th
 21st 22nd 23rd 24th 25th 26th 27th 28th 29th 30th

(over)

This is
 a
 specimen of
 the
 same
 as
 the
 one
 in
 the
 collection
 of
 the
 British
 Museum
 of
 Natural
 History
 in
 London
 No. 13. 3. 1. width 2.1 mm

13. 2. 1. 1944

Imirotropis tessellata

Large ♀ "Tojot" Tulesee
Taurus Aug. Large
Caeruleipes or near,
fairly prominent
supposed wing band
& disk yellow w a
very faint greenish
tinge.

Imirotropis pulchra

♀ (Labelled Type red lab)
Spring Lake Utah
Aug 1875. Dried abd.
The Utah Caeruleipes
sp. (M. N. says = pulex)

I. pileata based. notes

2 ♀ types "H band angles
as at toothed as to be

scarcely noticeable"
"wing band very narrow
and poorly defined?"

Henderson's J. citrinea
= Spanag. eguale

Candell's J. citrinea ♀
Calgary ¹⁹⁰⁸ = agrestis.

Claremont Cal. IV, 14, 1896.
♀ narrow wing band
looks like Falsifur Dr.

Trim pallidif

Platte Canyon, Pine
Grove, Morrison, Colo
all OK (not similar as
and labeled) also
Palisades, Colo.

Others lab similar to
candell are - (taken back
to Phila)

J. gratiosa 2 ♀ Altwater Cal
to Coquillett July 27, 1885.

spanus near Dyar & Cand
7 ♀ collus ♀ as azurescens
Montrose " "

Henderson verruculatus
Utah = J. suffusus.

Mel. occidentalis Helicon

- Aug 7, 1917 (W. F. Wildermuth; in oaks) 1♂, 1♀.

Mel. dodgei incolens

Typical from Pine
Knob, Little Bear,
Poudre River, Boulder
& Ward.

Interseed setes incolens
& dodgei Ward.

• Mel. dodgei attestans

Mr. J. A. Pease det as
marshallei by Sudder
Paculus paculus

Pinn Canyon, Sta Aug
Catalina Mts Aug ~~1913~~
23, 1913 (A. W. Morrill) 1♂.

Vintana Canyon, Sta
Catalina Mts Aug 1900
26, 1913 (Schwarz & Barber)
1♂.

Judson Aug, 1X. 15. 1908
(H. Brown) 1♀.



Stict californicus

Orland Cal, June 5
1918 (J D Urbanns) 3♂.

Los Angeles Co May
(Cognille~~th~~) 2♂, 1♀.

Silroq Cal ♀ "Type"

Cal 1♀ 1♂

Los Angeles (Cognille~~th~~) 1♀

San Diego Co 1♀, (Cognille~~th~~)

San Bernardino Co
(Cognille~~th~~) 5♂.

Oedip / paradox ♀ "Type"
written by Thomas
= c. corallipes

P. saussurei

Stillwater Alaska 1♀
(pink waxy disk)

X. clauscha

August Mt May
1891 (Koebele) 3♂ K1

Pacacumet Valley
April 1891 (Koebele) 1♂

"Walchmanii" Woye
Thomas = ? Californicus

Psalis nigra Cand. Type

Trinidad - Variegated

tuborellia? Ant w

short pyriforme joints,

17 of which 13-14 are paler

and 12-14 on other side

The same, brownish buff.

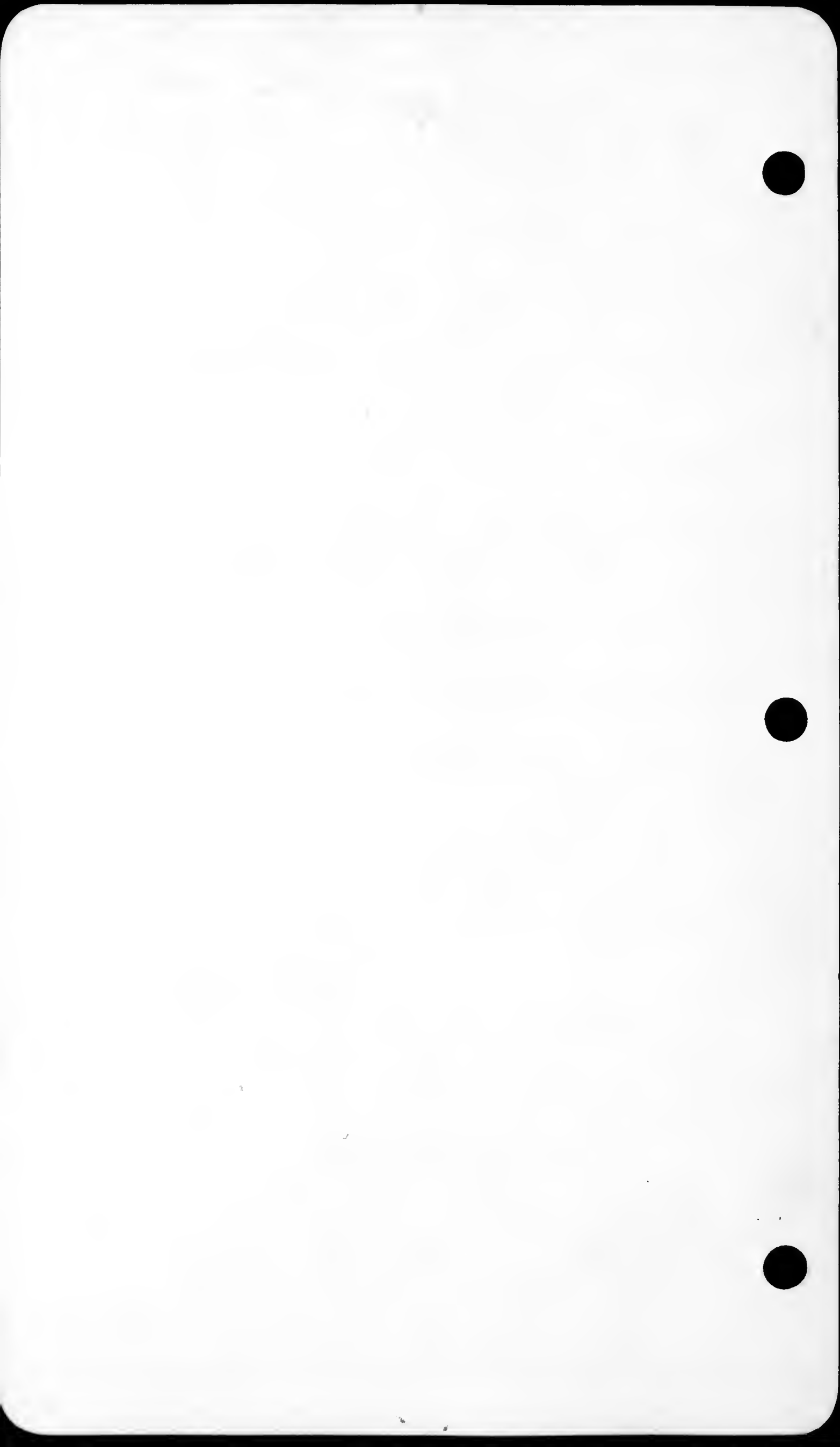
Wing: testaceous with

outer mgs. dark brown,

proj. at over $\frac{1}{3}$ leg length

Caud. metal w small

along mid int mgs.



05
Mimus canel brevic

Boulder Colo (Colorado)

19.

D. brevipes

Alward, Cal., May 12,
1914 (J. E. Gray) 1 ♀

San Ramon Cal VI, 26,
1903 (in bird stomach) 1 ♀.

Idiostatus nelsoni

One spec is a paratype

Cyphodreus

monstrous (as piperi)

♂ Type det. Rainer ^{D. J. Baird} Verne
C. V. Piper

♀ Type same - Vestigial
leg & wings. 1 juv ♀

2 ♂ Mt Rainer Aug 25, 1905

all trees below Timber
line, singing after dark
(H. J. Baird)

1 ♂ Mt Rainer VI (Dyerland)
; July 19-29, 1905 (M. W. Dyar & J. H. Dyar)
2 large juv ♀ 1 large juv ♂.

Baird, Alta VI. 10. 1925

(C. V. Baird) 1 ♂; Aug 8, 1927

(C. V. Baird) 1 large juv; (C. V. Baird)
1927, 1 ♂ 2 large juv. VII. 8. 1903 (M.
& 2 seeds). B. Samson (seeds)

1 large juv ♂ (figured by
Burdall as ♀). also

Kaniff, 1902 (J Fletcher)
1 large juv ♀.
upper Rogue River, Ore.
(fir forest), 1♂.

Cuterville Idaho 5000 ft.
(webb) 1 ♀ small pad
wings etc.

Head of Moose River BC
July 17, 1911, (N. Hollister)
1♂, 1 juv.

Moose Lake, BC V. 21. 1922
(E R Burdall) 5♂. ²⁶

Dawail Idaho (O. Hutterman)
V. 22. 1922, 1 ♀ 1 ♂.

Field, BC Aug 15, 1927
(J. Webb) 1♂.

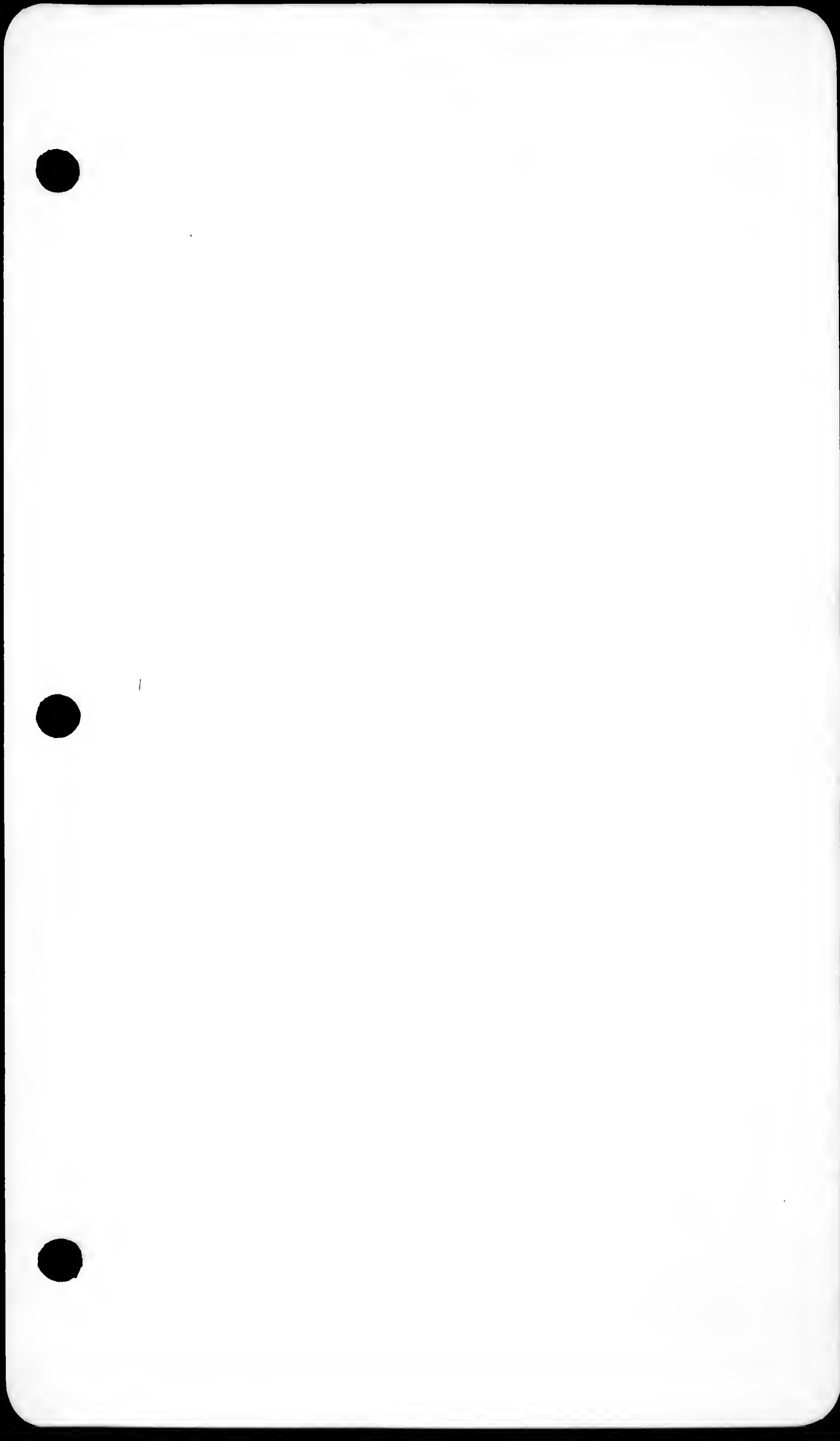
Varenby BC June 1, 1924
(J. A. Moelliet) 1♂.

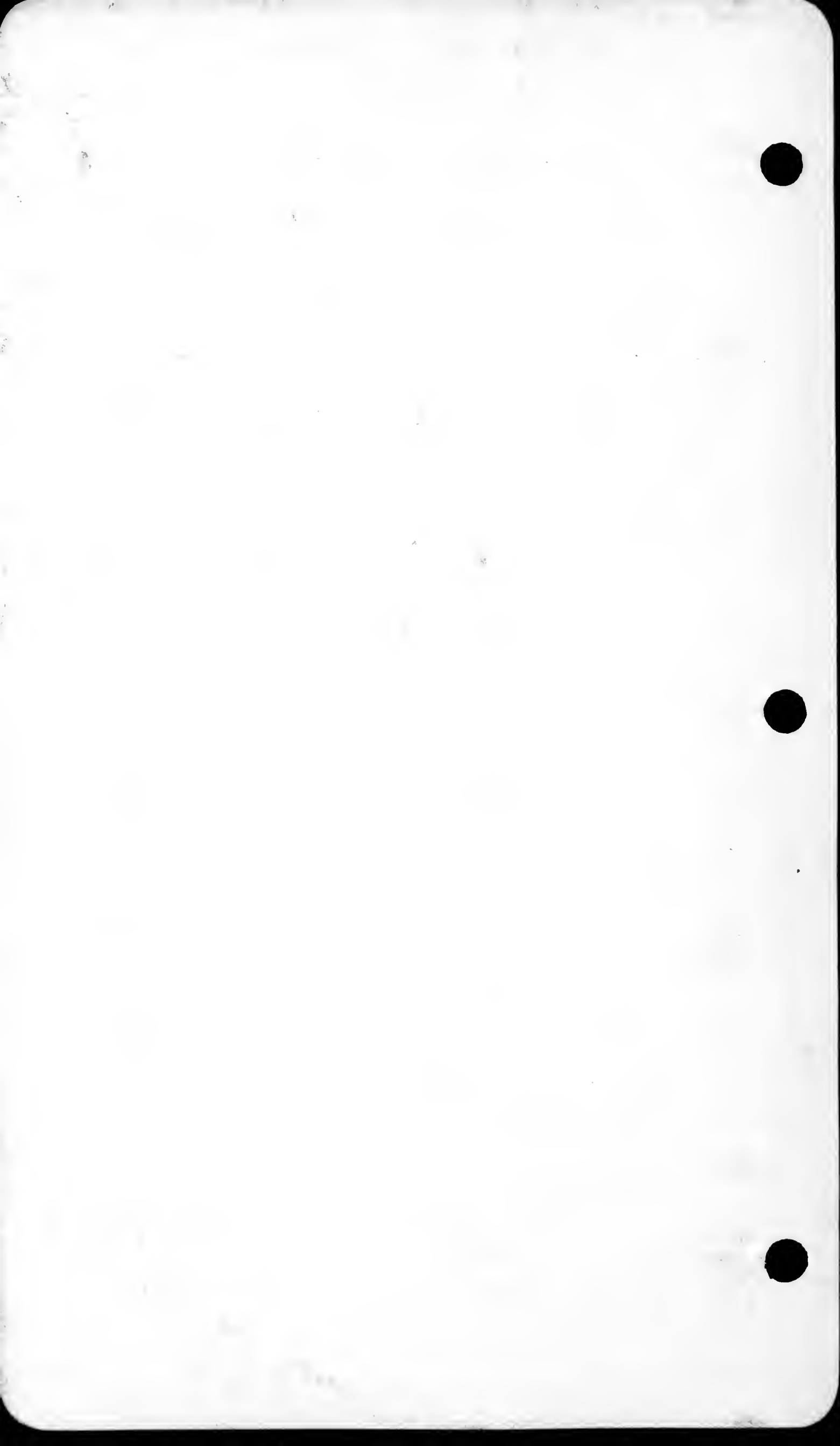
unidentified
(Burdall as ♂)
Moose Lake BC (Burdall)
V. 20 & 21, 1922 4♂ 4♀
Pulman V. 10-21, 1901
- 1903 (C K Piper) 4♂ 1♀;
Aug 5, 1902 (") 1 ♂

Handwritten signature: [Illegible]

Very entire & freely
translucent are dark
with head to below
ant. reddish brown ^{is true}
mucronate is brown,
below pronotum - brown.
Furky accipiter
from day 100000
the same 100000

rule on 4th & only
and most large
not a danger there
must palpate
two of.





Carnegie Mus

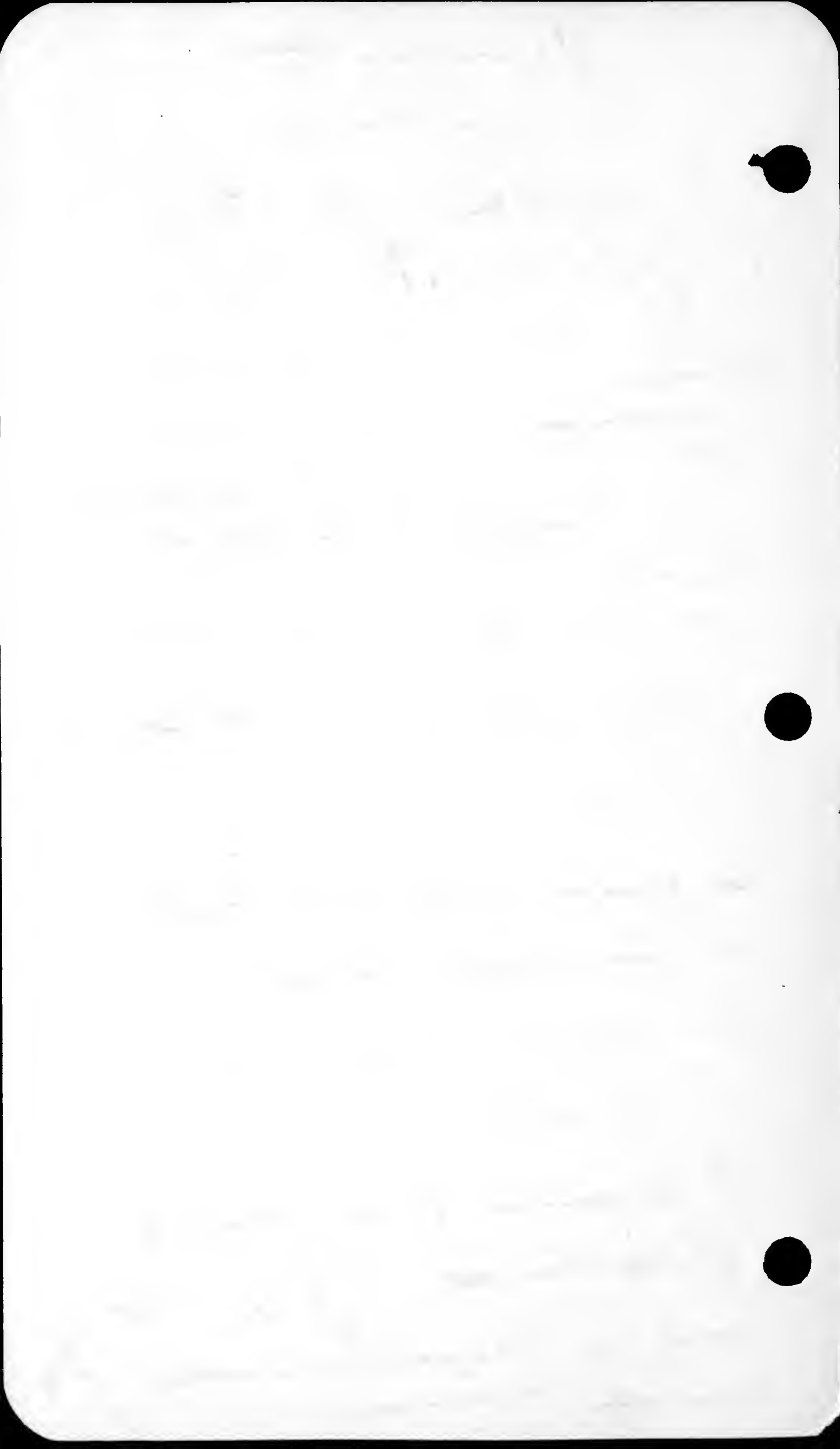
Truxulinae.

In addition to those
brought back. They have
long series of *Cameroun*
~~*Hemina*~~
~~*Hemina*~~, chiefly from
Holodorf & Elat. - prob. all
C. *compta* as he det. it.
Similar but smaller
series of *Helopercina*.

More of *Rhabdoplea*
mina.

Extensive series of *Crotelles*.
A few more *Hypsacrus*.
One large drawer full
of *Arida*.

8 drawers of arranged
Odipodinae, *Pyrgomorphinae*
and *Cyrtacantharinae*.
Cameroun, Africa.



Campie Mus.

Not brought to Phila.

Camero Africa.

4 drums arranged

Tettigoniidae

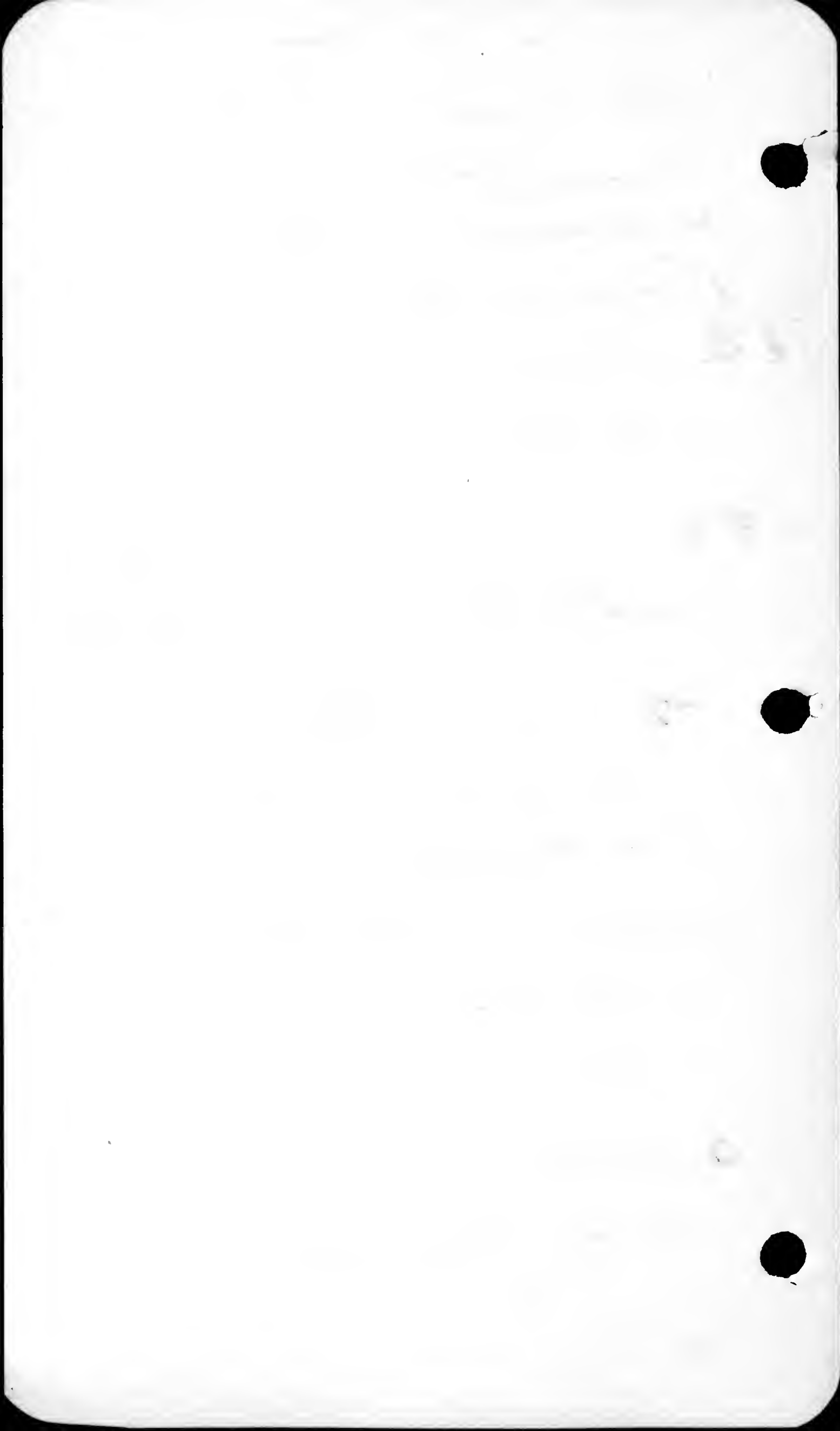
70 ~~3~~ drums stacked
unstudied ditto.

5 ~~3~~ drums stacked
Unstudied Acrididae

4 ~~2~~ drums stacked
unstudied Phasm. &
Mantidae,

1/2 drum stacked
unstudied Gryllidae
(a few from Sudan)

3 drums stacked
mixed families



Caney. Mus.

Phasmodae.

Fair series (undet.).

Chapada, Prov. Para

& Soutern. Rio, (should have
at proper time)

A few Croton (Para

(Biller) [Pseudophasmodae,

Hibiscus-like, Hymen-type.

Camp. Mus.
Mantidae.
(unstudied)

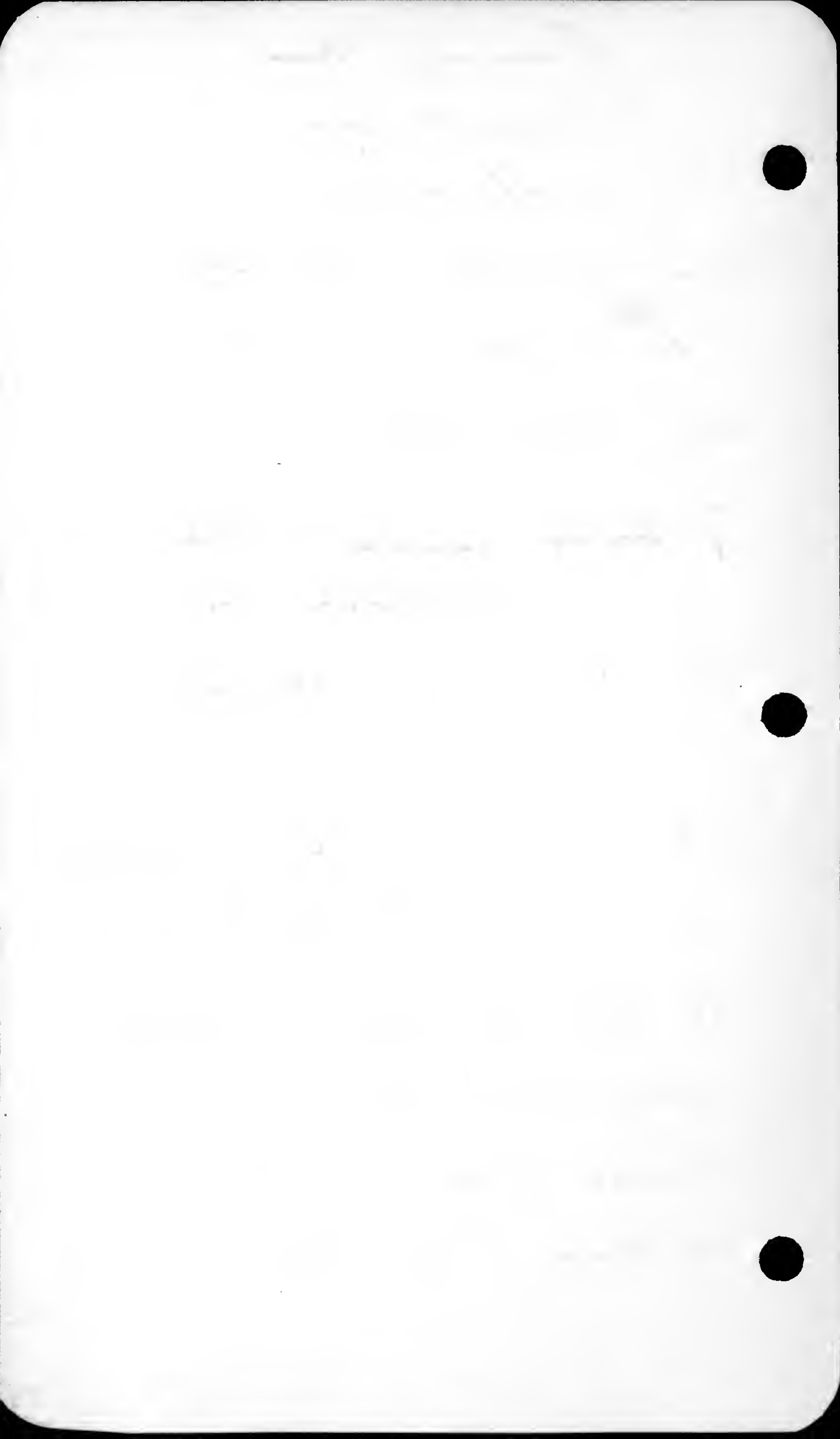
Fair series, Bolivia,
Cumbi, Mauré,
del Saca, etc.

7 boxes undet. Tettigonids
Bolivia, etc.

4 " " Acrid.

1 " " Gryllidae.
Bolivia, etc.

A fair lot from Guiana,
prob. about from a fair
large drawer - about
4 boxes to a drawer.



Carney, Mrs

Has 1 ♀ labelled Allegheny
Co., Pa. "no further
data which is appar.

Anisomorpha ferruginea

✓ or labelled.

